HOME THEATER • COMPUTER AUDIO VIDEO INTEGRATION • PRO A/V CABLES • APPLE ACCESSORIES • DIGITAL SIGNAGE

Gefen

Stretch it. Switch it. Split it.

Gefen's got it..

2008 CATALOG

A leader in the high definition digital domain since 1998, Gefen Inc. delivers advanced technologies with products using multi-platform formats for extension, switching, distribution, conversion and wireless capabilities.

Gefen products are utilized all over the world in professional broadcast AV/IT and consumer electronics/home theater environments.

Add-on peripherals maximize functionality and performance by enabling electronic systems to go beyond their original specified capabilities.

Gefen solutions support an array of connectivity interfaces including HDMI™, DVI, Dual Link DVI, HD-SDI, SDI, M1, MDR, SCART, Component, S-Video, BNC, Mini Stereo, Optical, VGA, RCA, USB, FireWire and RS-232 peripherals.

A selection of high quality short and long distance copper and fiber optic cables are also available.

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EXTENSION

Gefen's extenders send analog and digital video, audio and computer peripherals up to thousands of feet from the source. Several methods are available including sender/receiver units linked by cabling, repeater and booster technologies paired with high grade cabling, and cable-only solutions.

SWITCHING

Gefen's switchers interface multiple audio/video sources to one or more displays. Users switch between sources for unbeatable convenience in system integration. Plug and Play solutions enable professionals and consumers alike, to reap the benefits of an interlinked system without the need for complex networking or additional software.

DISTRIBUTION

Gefen's splitters deliver two or more audio/video signals to multiple displays from a single source. This allows standard or high definition video, and in some cases audio, to be viewed on multiple displays at the same time. Gefen supplies a full range of distribution solutions; from a single split to more complex distributions with bonus extension capability.

CONVERSION

Gefen's converters link a variety of normally incompatable interfaces and allow analog and digital components to operate with ease in the same system. Some models offer a straight signal conversion while others offer scaling and image refinement capabilities.

SCALERS

Gefen's unique line of video scalers help you to achieve a seamless transition between all of today's latest resolution formats. Gefen scalers give you the ability to use a computer display as an HD monitor, or upscale your HD components and HDMI™ sources up to 1080p.

WIRELESS

Gefen's wireless devices provide unsurpassed versatility by including wireless USB 2.0, component A/V as well as for the first time ever, wireless HDMI™ up to 100 ft.

CABLING

Gefen's high quality cables connect components for the best results and performance. Gefen offers a selection of premium cabling ranging from industry-standard category-5 up to all-fiber bundled cables able to withstand the most intense EMI conditions.

COMMITMENT TO QUALITY

Gefen will always offer the finest quality products at the best price. Included in that price is a lifetime of free support from a team of outstanding technical support and sales representatives.

TABLE OF CONTENTS

DIGITAL EXTENDERS

HDMI™ CAT-5 Extreme 1
HDMI™ CAT-5 MS Extreme Extender..... 1
HDMI™ Super Booster Plus..... 1
HDMI™ Over RGB..... 2
HDMI™ Over VGA..... 2
HDMI™ RS-232 Extender MS..... 2
HD1000 for HDMI™ 1.3..... 3
DVI CAT-5 MS Extreme Extender..... 3
DVI CAT-5 Extreme 3
DVI FM Extender Plus..... 4
DVI Super Booster Plus..... 4
DVI Dual Link Super Booster Plus..... 4
DVI 1000HD..... 5
DVI 1000ST 5
DVI 2000HD 5
DVI 3000HD 6
DVI 4000HD 6
DVI RS-232 Extender 6
DVI Audio Extender 7
CAT-5 1500HD 7
CAT-5 5500HD 7
CAT-5 7500HD 8
CAT-5 9500HD 8
FireWire 800 Extender Plus..... 9
FireWire 400 Repeater 9
FireWire 800 Repeater 9
USB 100 10
USB 200 10
USB 400 10
USB 400 FO 11
USB 500 11
USB 2.0 Extender..... 11
Mini USB - 2 Extender 12
USB MIDI Extender 12
Wireless USB Extender..... 12
Inline USB Extender..... 13
USB to VGA Adapter..... 13
USB to DVI Adapter..... 13
RS-232 Extender..... 14
Digital Audio Extender..... 14

ANALOG EXTENDERS

Audio Extender 14
PS/2 Extender 15
VGA Extender LR 15
VGA Extender SR 15
Component Video Extender..... 16
Composite and Audio Extender 16
Component with Audio Extender 16
VGA RS-232 Extender 17
VGA Audio Extender..... 17
VGA Extender..... 17
CAT-5 1000 18
CAT-5 1500 18
CAT-5 5000 18
CAT-5 5500 19
CAT-5 7000..... 19
CAT-5 7500 20
CAT-5 8000 20
CAT-5 9000 20

DIGITAL SWITCHERS

2x1 HDMI™ Switcher 21
3x1 Switcher for HDMI™ 1.3..... 21
4x1 Switcher for HDMI™ 1.3..... 21
8x1 Switcher for HDMI™..... 22
2x2 HDMI™ Switcher 22
4x2 HDMI™ Switcher 22
6x2 HDMI™ Switcher 23
4x4 HDMI™ Matrix 23
4x1 HDTV Switcher..... 23
4x4 HDTV Matrix 24
8x1 DVI Switcher 24
4x1 HD-SDI Switcher..... 24
2x1 Digital Audio Switcher 25
2x1 DVI KVM Switcher 25
2x1 DVI SL KVM Switcher 25
2x1 DVI DL KVM Switcher 26
2x2 DVI DL KVM Switcher 26
4x1 DVI DL KVM Switcher 26
4x4 DVI KVM Matrix 27
4x1 DVI KVM Switcher 27
1x4 DVI Monitor Switcher 27
USB KVM Switcher 28
2x2 VGA KVM Switcher 28
4x1 VGA KVM Switcher 28

SPLITTERS / DISTRIBUTION AMPLFIERS

1:2 HDMI™ Splitter 29
1:3 HDMI™ Splitter 29
1:4 HDMI™ Splitter 29
2x4 HDMI™ 1.3 Switcher/Splitter 30
1:2 DVI Splitter 30
1:2 DVI DL Splitter 30
1:4 DVI Splitter 31
1:6 DVI Splitter 31
4x4 DVI Matrix 31
1:4 Distribution over CAT-5 for HDMI™ 32
1:8 Distribution over CAT-5 for HDMI™ 32
Matrix Over CAT-5 for HDMI™ 32
1:4 Component CAT-5 DA 33
1:8 Component CAT-5 DA 33
4x4 Component Matrix 33
1:3 Component Audio DA 34
1:8 Component Audio DA 34
1:8 Component CAT-5 DA 34
1:2 VGA Hub 35
1:4 VGA Hub 35
1:8 VGA CAT-5 DA 35
1:8 DVI Distribution Amplifier 36
2:8 DVI Distribution Amplifier 36
1:4 HD-SDI Distribution Amplifier 36
1:8 HDMI™ Distribution Amplifier 37
2:8 HDMI™ Distribution Amplifier 37
1:10 HDMI™ Distribution Amplifier 37
1:10 Distribution for HDMI™ 1.3a 38

CONVERTERS

DVI Detective 38
DVI Detective Plus 38
DVI to VGA Conversion Box 39
Component w/ Audio To HDMI™ Adapter 39
Component Digital Audio to HDMI™ Adapter 39
DVI Audio to HDMI™ Adapter 40
HDMI™ to DVI Audio Adapter 40
VGA to DVI Scaler Plus 40

SCALERS

HD Mate Scaler 41
Home Theater Scaler Plus 41
Home Theater Scaler 42
DVI to HD-SDI Scaler 42
HD-SDI to DVI Scaler 42
HDMI™ to HD-SDI Scaler 43
HD-SDI to HDMI™ Scaler 43
DVI to HD-SDI Scaler Plus 44
HD-SDI to DVI Scaler Plus 44
DVI to HDSDI Scaler Pro 44

ADAPTERS

FireWire 400 Female to Female Adapter 45
M1 to Component Adapter 45
M1 to HDMI™ Adapter 45
DVI to VGA Adapter 45
USB A Female to Female Adapter 45
MINI Stereo to RCA Adapter 45
USB A Female to B Male Adapter 45
HDMI™ to DVI Adapter 45
DVI to HDMI™ Adapter 45
HDMI™ Mate 46
DVI to DVI AND RGBHV 46
DVI to DVI and Component Adapter 46
VGA to RGBHV Adapter 46
DVI to DVI AND VGA 46
DVI Mate 46
HDMI™ to DVI Adapter F-F 46
HDMI™ to DVI Adapter M-F 47
HDMI™ to DVI Right Adapter 47
HDMI™ to DVI Left Adapter 47
VGA Female to Female Adapter 47
VGA Male to Male Adapter 47
VGA Male to Female Adapter 47
VGA to Component Adapter 47
USB to PS/2 Adapter 47

SCART ADAPTERS

SCART M to Component F Adapter 48
SCART F to Component M Adapter 48
SCART to Composite Adapter 48
SCART to M1A Adapter 48
SCART to VGA Adapter 48
SCART to S-Video 48
SCART to DVI Adapter 48

CONTINUED...

TABLE OF CONTENTS

ACCESSORIES

DVI/HDMI™ Combo Wallplate 49
HDMI™ Wallplate 49
HDMI™ Right Angle Wallplate..... 49
DVI Wallplate 49
Racks 50
Gefen IR Extender 50

REMOTES

4x4 Matrix RMT 50
CAT-5 to Serial Remote Interface..... 50
RMT 2 Remote Control 50
RMT 4 Remote Control 50
RMT-4 (2 BUTTON) Remote Control..... 50
RMT - 444 MSR..... 50
RMT 2-1R Remote Control 51
RMT 3-1R Remote Control 51
RMT 4-1R Remote Control 51
RMT 6-1R Remote Control 51
RMT 8 -1R Remote Control 51
RMT 16-1R Remote Control 51
RMT 8-HDS Remote Control 51
RMT-SR-IR..... 51
HD PVR Remote Control..... 51
SD PVR Remote Control..... 51

CABLES

HDMI™ 1.3 Cables (standard and locking)..... 52
HDTV Extreme Cables 52
DVI to HDMI™ Cables 52
DVI Dual Link DLX Cable 52
DVI Fiber Optic Cables 53
FireWire Cables 53
CAT-5 Cables 53
PS/2 Cables..... 53
Fiber Optic Cables 54
VGA Cables 55
VGA to Component Cables 55
VGA to RBGHV 6' Cable 55
Component Cables 55
High Quality 5 RCA Component Cables..... 55
Active USB Cables 56
MDR-20 Cables 56
Apple Active Combo Extension Cable 56
Dual Link Apple Active Combo Extension 56
HDMI™ Extreme Cables 57
HDMI™ CL3 Cables 57
HDMI Booster Cables 57
Gefen Retail Packs 58

COMPUTER
AUDIO / VIDEO

HOME THEATER

DIGITAL SIGNAGE

PRO A/V

Adapter
A device that serves as an interface between the system unit connector and another device that is attached to it. (typically another connector)

ADC
Apple Display Connector

Bandwidth
In the digital domain, bandwidth is the data rate measured in bits per second (bps). For example: 1000 million bits per second is 1000 Mbps or 1Gbps.

CAT-5E
Category 5 cable, commonly known as Cat-5, is an unshielded twisted pair type cable designed for high signal integrity. Supports speeds of up to 1000 megabits per second.

Component
The output of a video device (such as a DTV set top box) or the input of a DTV receiver or monitor consisting of 3 primary color signals: red, green and blue that together convey all necessary picture information.

Converter
A device that converts one standard to another.

DDC
Short form for Display Data Channel: It is a VESA standard for communication between a monitor and a video adapter.

DDWG
Digital Display Working Group DDWG: The creators of the DVI specification.

Distribution Amplifier
A device that takes one input and amplifies and transmits the video signal to multiple outputs.

Dolby Digital
This is a digital surround sound technology used in movie theaters and upscale home theater systems that enhances audio.

DTS
Digital Theater Systems sound: Discrete 8.1 channel surround system similar but not the same as Dolby Digital. Dolby Digital is the DTV standard, but DTS competes with it on DVD and in movie theaters.

Dual Link DVI
DVI (Digital Visual Interface) standard to support resolution up to 3840x2400.

DVI
Digital Visual Interface: A digital video standard established by the Digital Display Working Group which was designed to carry uncompressed digital video signals to a display. DVI-D is digital only, for both single link and dual link configurations. DVI-I contains both analog and digital, for single and dual link configurations. DVI-A is analog only.

EDID
Extended Display Identification Data: A VESA (Video Electronics Standards Association) standard data structure provided by the monitor or display to the source. Some of the EDID data format includes display monitor ID, model, manufacture date, serial number, max display size, max resolution, and more.

EDTV
Enhanced Definition Television: Although not considered high-definition (HD), EDTV sets use progressive scan (480p or 576p) which is relatively better quality than SDTV resolution.

Extender
A device that allows extension of the original standard at a distance away.

Fiber Optic
Light transmission through optical fibers for communication or signaling.

HDCP
High-Bandwidth Digital Content Protection: Created by Intel, HDCP is used with HDTV signals over DVI and HDMI™ connections and on D-Theater D-VHS recordings to prevent unauthorized duplication of copy written material.

TECHNICAL TERMINOLOGY

HDMI™
The High-Definition Multi-media Interface (HDMI) is an industry-supported, uncompressed, all-digital audio/video interface.

HDMI™ 1.3
HDMI specification version released on June 2006 that features increased single link bandwidth to 340MHz (10.2Gbps), Deep Color billion color support, increased resolution, higher frame rates (up to 120 Hz) for smoother motion, Dolby TrueHD and DTS-HD Master Audio lossless audio formats, improved lip sync correction, and broader xvYCC color space support (enables 1.8 times as many colors as existing HDTV signals).

HD-SDI
High Definition Serial Digital Interface: This standard transmits audio and video over a single coaxial cable with a data rate of 1.485 Gbit/s.

HDTV
High-Definition Television. The high-resolution subset of the DTV system. A 16:9 image with twice the horizontal and vertical resolution of our previous system, accompanied by 5.1 channels of digital audio.

IEEE 1394a
Cabling technology for transferring data to and from digital devices at high speed. Also known as IEEE 1394.

IR remote
Wireless transmission using infrared light waves.

KVM
Short for keyboard, video, and mouse.

LC
A standard type of optical fiber termination. The small form factor LC connector was originally developed by Lucent Technologies for telco networks.

LCD
Liquid Crystal Display: A display that consists of two polarizing transparent panels and a liquid crystal surface sandwiched inbetween.

NTSC
NTSC is the acronym that stands for "National Television Systems Committee" and the name of the current analog transmission standard used in the US.

PAL
Phase Alternation Line (PAL) is the analog television display standard that is used in Europe and certain other parts of the world.

Pixel
A single illuminated point on a display.

PS/2
A port type developed by IBM for the purpose of connecting a keyboard or mouse to a PC.

Repeater
A device to boost original signals transmitted over long copper cable.

Resolution
The number of phosphor points or pixels the display can support. A higher resolution results in a much sharper and clearer video image.

RS-232
Recommended Standard 232: This is the standard for communication through PC serial ports.

Scaler
A device that takes an input signal at one resolution and scales it to another resolution without degrading the original signal.

SCART
A 21 pin connector that is used to connect analog audio and video equipment, commonly used in Europe.

SDTV
Standard Definition Television: SDTV sets receive a broadcast signal resolution of 480 interlaced lines (480i), which is inferior to EDTV (480p) or HDTV (720p, 1080i, and 1080p).

Sink
An industry term used to describe devices which receive electrical signals and output these signals as video, audio, or both. For example: Computer monitors, HDTV, audio receivers.

Source
An industry term used to describe devices where the electrical signals are being transmitting from. For example: HD-DVD / Blu-Ray players, video game consoles, MP3 players.

SMPTE
Society of Motion Picture and Television Engineers.

SPDIF
SPDIF is a digital interface designed to enable digital equipment to transfer digital information with minimal loss.

Splitter
A device that takes one input and splits it to multiple outputs.

Switcher
A device that takes multiple input sources into one output display.

TOSlink
Toshiba Optical Link: Commonly used to refer to optical digital audio cables.

USB
Universal Serial Bus: An external peripheral interface standard for communication between a computer and external peripherals over a cable using bi-serial transmission.

VESA
Video Electronic Standards Association: A consortium of manufacturers formed to establish and maintain industry wide standards for video cards and monitors.

VGA
Video Graphics Array: A standard for graphics displays, implying a resolution of 640x480 pixels, commonly used to describe VESA standard resolutions.

WIRELESS
Any system or device that transmits signals by electromagnetic waves.

EXT-HDMI-CAT5X

HDMI CAT-5 EXTREME

Extends the HDMI™ signal up to 200 feet (60 meters) away over two CAT-5e cables.

HOME THEATER
PRO A/V

FEATURES:

- Extends high definition displays up to 150 feet (45 meters) from the source at 1080p
- Extends high definition displays up to 200 feet (60 meters) from the source at 1080i
- Improved compensation for cable skew
- Eliminates equipment noise in the viewing environment
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Audio and video are transmitted digitally over the CAT-5e cables for zero signal loss
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Maximum resolution: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A 19 pin female
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 3.4" D x 3.25" W x 1.25" H
- Shipping Weight: 4 lbs.

EXT-HDMI-CAT5-MS

HDMI CAT-5 MS EXTREME EXTENDER

Extends your HDMI™ signal up to 300 feet (100 meters) over two CAT-5 cables.

HOME THEATER
PRO A/V

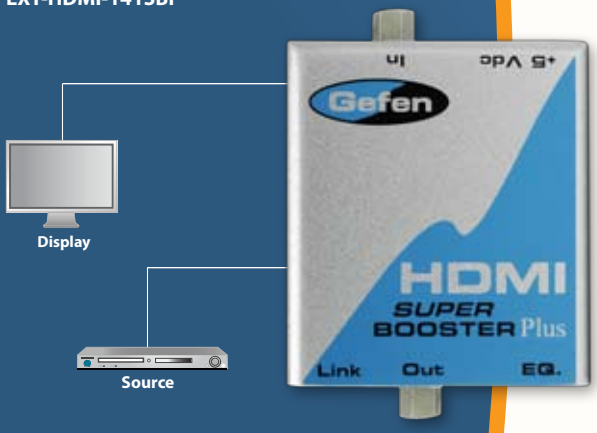
FEATURES :

- Extends high definition displays up to 150 feet from the source at 1080p
- Extends high definition displays up to 300 feet from the source at 1080i
- Improved compensation for cable skew
- Eliminates equipment noise in the viewing environment
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Audio and video are transmitted digitally over the CAT-5e cable for zero signal loss
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A 29 pin female
- Link Connector: RJ-45 shielded (x2)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 3.4" D x 3.25" W x 1.25" H
- Shipping Weight: 4 lbs.

EXT-HDMI-141SBP



HDMI SUPER BOOSTER PLUS

Allows HDMI™ extension over long runs of HDMI™ cable by reclocking both video and DDC signals.

HOME THEATER
PRO A/V

FEATURES :

- Perfects digital video sent over long stretches of HDMI™ cables
- Extends HDMI™ displays away from the HDTV source
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- HDMI™ and HDCP compliant
- Enhances DDC signals for longer extension
- Auto-EQ mode for hands-off, plug & play operation

SPECIFICATIONS :

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum resolution: 1080p/1920 x 1200
- HDMI™ Connector: Type A 19 pin female
- Power Consumption: 5 Watts (max)
- Power Supply: 5V DC
- Dimensions: 1.625"W x 0.75"H x 1.75"D
- Shipping Weight: 1 lb.

HDMI OVER RGB

Extends your HDMI™ signal up to 150 feet over BNC (RGBHV).

HOME THEATER
PRO A/V

EXT-HDMI-5BNC

FEATURES :

- Extends high definition displays up to 150 feet from the source at 1080p
- Replaces existing 5BNC analog projector installations with HDMI™
- Eliminates equipment noise in the viewing environment
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Audio and video are transmitted digitally over the BNC cables for zero signal loss
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 340 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A 19 pin female
- Link Connector: BNC female
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Shipping Weight: 6 lbs.

HDMI OVER VGA

Extends your HDMI™ signal up to 150 feet over VGA cable.

HOME THEATER
PRO A/V

EXT-HDMI-VGA

FEATURES :

- Extends high definition displays up to 150 feet from the source at 1080p
- Replaces existing VGA analog projector installations with HDMI™ connection
- Eliminates equipment noise in the viewing environment
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Audio and video are transmitted digitally over the VGA cable for zero signal loss
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS :

- Single Link Bandwidth: 340 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A 19 pin female
- Link Connector: VGA
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Shipping weight: 2 lbs.

HDMI RS-232 EXTENDER MS

Extends your HDMI™ signal, RS-232 and IR remote up to 300 feet over two CAT-5 cables.

HOME THEATER
PRO A/V

EXT-HDMIRS232-CAT5

FEATURES :

- Extends high definition displays up to 150 feet from the source at 1080p
- Extends high definition displays up to 300 feet from the source at 1080i
- Improved compensation for cable skew
- Eliminates equipment noise in the viewing environment
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Audio and video are transmitted digitally over the CAT-5e cable for zero signal loss
- HDMI™ and HDCP compliant
- Discrete IR remote (included)
- Serial RS-232 remote port

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A 19 pin female
- Link Connector: RJ-45 shielded
- IR blaster jack: 3.5 mm mini stereo
- RS-232 Input: db9 female
- RS-232 Output: db9 male
- IR support: RC5
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 3.4" D x 3.25" W x 1.25" H
- Shipping Weight: 4 lbs.

EXT-HD-1000

HD 1000 for HDMI 1.3

Extension for HDMI™ up to 330 feet (100 meters) over fiber optic cables.

HOME THEATER
PRO A/V

FEATURES:

- Extends high definition HDMI™ compliant devices up to 330 feet (100 meters)
- Uses a 4 strand multi mode LC fiber optic cable and one CAT-5e cable
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- HDMI™ compliant
- HDCP compliant
- HDMI™ 1.3

SPECIFICATIONS:

- Single Link Bandwidth: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum esolution: 1080p/ 1920 x 1200
- HDMI™ Connector: Type A 19 pin female
- Video Link Connector: LC
- DDC Link Connector: RJ-45 shielded
- Power Supply: 12V DC
- Power Consumption: 36 Watts (max)
- Dimensions: 3.25"D x 4.25"W x 1"H
- Shipping Weight: 4 lbs.

EXT-DVI-CAT5-MS

DVI CAT-5 MS EXTREME EXTENDER

Extends your DVI signal up to 300 feet.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES :

- 150 foot extension at 1920 x 1200/1080p
- 300 foot extension at 1280 x 1024/1080i
- Uses CAT-5e cable for DDC and control signals
- Extends any DVI (digital visual interface) compliant device up to 300 feet from the computer
- Saves space on your desktop and increases productivity
- Improved compensation for cable skew
- Eliminates computer noise where you work
- Supports single link resolutions and HDTV resolution
- Supports DDWG standard for DVI compliant monitors
- Installs in minutes

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Input/Output DVI Connector: DVI-I (29 pin) female (Digital Only)
- DDC plus video connector: RJ-45
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 3.4"D x 3.25"W x 1.25"H
- Shipping Weight: 3 lbs.

EXT-DVI-CAT5X

DVI CAT-5 EXTREME

Extends DVI up to 200 feet over two CAT-5 cables.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any DVI device up to 200 feet from the computer at 1280 x 1024
- Extends any DVI compliant device up to 150 feet from the computer at 1900 x 1200
- Improved compensation for cable skew
- Uses CAT-5e cable for DDC and control signals
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Video is transmitted digitally over the CAT-5e cable without signal loss
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Single Link Range: 1080p/ 1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Input/Output DVI Connector: DVI-I (29 pin) female (digital only)
- Link Connectors: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 3.4" D x 3.25" W x 1.25" H
- Shipping Weight: 4 lbs.

DVI FM EXTENDER PLUS

Extends DVI video signals over long runs using multimode fiber cable.

COMPUTER AUDIO / VIDEO
PRO A/V

EXT-DVI-FMP

FEATURES:

- Extends any DVI compliant device up to 2000 feet (600 m) from the DVI source
- Supports video resolutions up to 1080p, 2K, and 1920 x 1200
- Uses four-strand multimode LC fiber optic cable
- Automatic EDID programming feature enables quick and correct sync of source to display
- Invulnerability to electromagnetic influences (EMI), thanks to all-fiber cable extension
- Saves space on your desktop and increases productivity
- Eliminates computer noise where you work
- Supports DDWG standard for DVI compliant monitors

SPECIFICATIONS:

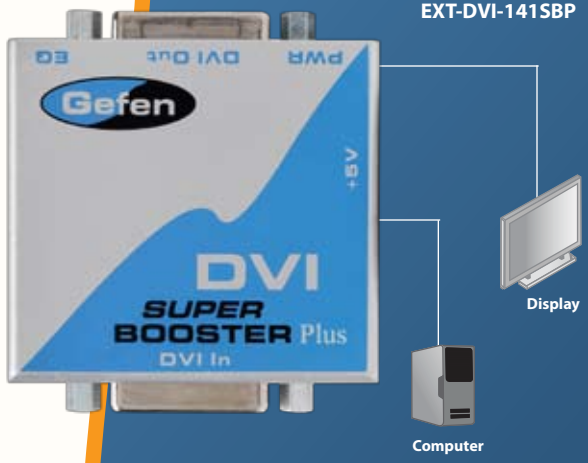
- Single Link Bandwidth: 165 MHz
- Input Video Signal:1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: Type DVI-D (19 pin) male
- Link Connector: LC
- Power Supply: 5V DC
- Power Consumption: 2.5 Watts (max.)
- Dimensions: 3.25"D x 0.75"H x 1.5"W
- Shipping Weight: 1 lb.

DVI SUPER BOOSTER PLUS

Extends DVI displays with single cable up to 200 feet.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

EXT-DVI-141SBP



FEATURES:

- Perfects digital video sent over long stretches of DVI cables
- Extends DVI displays away up to 200 feet from the source
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standards for DVI compliant monitors
- Auto-EQ mode for hands-off, plug & play operation
- Enhanced DCC signal for longer extensions
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connector: DVI-I (29 pin) female (digital only)
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.75"W x 1"H x 1.875"D
- Shipping Weight: 1 lb.

DVI DUAL LINK SUPER BOOSTER PLUS*

Allows long runs of DVI dual link cable without signal loss.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

EXT-DVI-DLBP

FEATURES:

- Maintains DVI dual link signal sent over long distance of dual link DVI cable
- Extends DVI displays up to 200 feet away from the source
- Supports resolutions up to 3840 x 2400
- Supports DDWG standards for DVI compliant monitors
- HDCP compliant
- Enhances DDC handling for DDC line performance
- Auto-EQ mode for hands-off, plug & play operation

SPECIFICATIONS:

- Single Link Bandwidth: 2 x 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Dual Link Range: 3840 x 2400
- DVI Connector: DVI-I (29 pin) female
- Power Supply: 5V DC 1A
- Power Consumption: 5 Watts (max)
- Dimensions: 2.5"W x 1"H x 2"D
- Shipping Weight: 1 lb.

*** DVI SUPER BOOSTER (Single Link)**
SKU# EXT-DVI-141SB

*** DVI BOOSTER (Single Link)**
SKU# EXT-DVI-141B

EXT-DVI-1000HD

DVI 1000HD

Extends DVI up to 1640 feet (500 meters) over fiber optic cables.

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PRO A/V

FEATURES:

- Extends any DVI compliant device up to 1640 feet/ 500 meters (330 feet with HDCP) from the computer
- Uses a four strand multimode LC-LC fiber optic cable
- Uses one CAT-5e for DDC and control signals
- Eliminates computer noise where you work
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- HDCP compliant

SPECIFICATIONS :

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-D (24 pin) female
- Video Link Connector: LC
- Link Connector: RJ-45 shielded
- Power Supply: 12V DC
- Power Consumption: 36 Watts (max)
- Dimensions: 3.25"D x 4.25"W x 1"H
- Shipping Weight: 4 lbs.

EXT-DVI-1000ST

DVI 1000ST

Extends DVI up to 1640 feet (500 meters) using multimode fiber optic cables.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

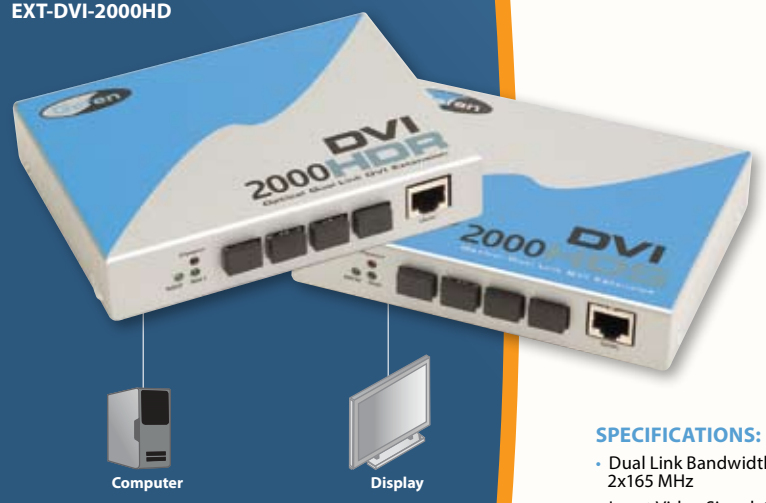
FEATURES:

- Extends any DVI compliant device up to 1640 feet (500) meters (330 feet with HDCP) from the computer
- Uses a four strand ST-ST fiber optic cable and one CAT-5e cable for DDC and control signals
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal:1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-D (24 pin) female
- Video Link Connector: ST
- DDC Link Connector: RJ-45 shielded
- Power Supply: 12V DC
- Power Consumption: 36 Watts (max)
- Dimensions: 8.25 "D x 9.125"W x 1.25"H
- Shipping Weight: 7 lbs.

EXT-DVI-2000HD



DVI 2000HD

Extends dual link DVI up to 1640 feet (500 meters) using multimode fiber optic cables.

COMPUTER AUDIO / VIDEO

FEATURES:

- Extends any dual link DVI compliant device up to 1640 feet (500 meters) from the computer
- Uses an 8 strand multimode LC-LC fiber optic cable
- Uses one CAT-5e cable for DDC and control signals
- Support HDTV resolutions
- Supports up to 3840 x 2400 resolutions
- Supports DDWG standard for DVI compliant monitor
- HDCP compliant

SPECIFICATIONS:

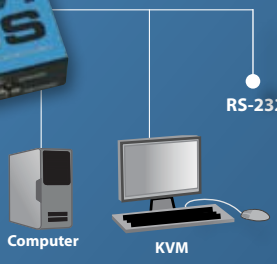
- Dual Link Bandwidth: 2x165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-D (24 pin) female
- Video Link Connector: LC
- DDC Link Connector: RJ-45 shielded
- Power Supply: 12V DC
- Power Consumption: 36 Watts (max)
- Dimensions: 3.25"D x 4.25"W x 1"H
- Shipping Weight: 4 lbs.

DVI 3000HD

Extends any DVI, USB, and RS-232 source up to 6.2 miles (10 kilometers) using single mode or multi mode fiber optic cables.

EXT-DVI-3000HD

COMPUTER AUDIO / VIDEO



FEATURES:

- Extension lengths up to 6.25 miles (10 km) can be achieved
- Extends any DVI compliant display
- Extends USB 1.1 compliant devices
- Extends RS-232C devices
- Eliminates computer noise where you work
- Uses duplex SC single mode fiber optic cables
- Supports VESA standard resolutions up to 1280 x 1024 at 24 bit color 60Hz
- Supports DDWG standard for DVI compliant monitors
- Video is transmitted digitally for zero signal loss

SPECIFICATIONS:

- Single Link Bandwidth: 120 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1280 x 1024
- DVI Connector: DVI-D (24 pin) female
- USB Input: USB type "B" connector
- USB Output: two USB type "A" connectors
- Link Connector: SC
- Power Supply: 12V DC
- Power Consumption per unit: 15 Watts (max)
- Dimensions: 8.4"W x 1.75"H x 4.4"D
- Shipping Weight: 4 lbs.

DV I 4000HD

Extends DVI up to 6.2 miles (10km) over fiber optic cables, also allowing for a loopout to another receiver further expanding the units' capabilities.

COMPUTER AUDIO / VIDEO

EXT-DVI-4000HD

FEATURES:

- Extension lengths up to 6.25 miles (10km) can be achieved
- Extends any DVI compliant display
- Eliminates computer noise where you work
- Uses duplex SC single mode or multi mode fiber cables
- Supports VESA standard resolutions up to 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Video is transmitted digitally for zero signal loss
- Fiber optic loop through on receiver

SPECIFICATIONS :

- Single Link Bandwidth: 6.60 GHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1920 x 1200
- DVI Connector: DVI (19 pin) female
- Link Connector: SC
- Power Supply: 12V DC
- Power Consumption per unit: 15 Watts (max)
- Dimensions: 8.4"W x 1.75"H x 4.4"D
- Shipping Weight: 4 lbs.

DVI RS-232 EXTENDER

Extends DVI and RS-232 signals up to 150 feet (45 meters) over two CAT-5e cables.

EXT-DVIRS232-CAT5

COMPUTER AUDIO / VIDEO
HOME THEATER
DIGITAL SIGNAGE
PRO A/V

FEATURES:

- Extends any DVI & RS-232 peripherals up to 200 feet (50 meters) from the computer
- Uses CAT-5e cable for DDC and control signals
- Perfect for digital signage applications
- Video is transmitted digitally over the CAT-5e cable for zero signal loss
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- HDCP compliant
- RS-232 standard

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connector: DVI-I (29 pin) female (digital only)
- RS-232 Input Connector: DB-9 female
- RS-232 Output Connector: DB-9 male
- Conforms to RS-232C standards
- Link Connectors: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 4.75"W x 1.125"H x 3.375"D
- Shipping Weight: 4 lbs.

EXT-DVI-AUDIO–CAT5

DVI AUDIO EXTENDER

Extends DVI and digital or analog audio up to 200 feet (60 meters) over two CAT-5e cables.

HOME THEATER
PRO A/V

FEATURES:

- Extends any DVI & digital or analog audio compliant device up to 200 feet from the computer
- Extend 1280 x 1024 up to 200 feet, extend 1920 x 1200 up to 150 feet.
- Uses CAT-5e cable for DDC and control signals
- Digital 7.1 (DTS, Dolby Digital, etc.) extension
- Audio and video are transmitted digitally over the CAT-5e cable for zero signal loss
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connector: DVI-I (29 pin) female (digital only)
- Audio Transmission Rate: 12.8 Mbps
- Digital Audio: S/PDIF (digital coax), optical TOSlink
- Analog Audio: RCA left and right
- Digital Audio: Digital TOSlink and SPDIF
- Link Connectors: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 2.5"D x 5.5"W x 1"H
- Shipping Weight: 5 lbs.

EXT-CAT5-1500HD

CAT-5 1500HD

Extends one DVI and USB up to 200 feet (60 meters) away.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any DVI compliant device up to 150 feet (45 meters) from the computer at 1920 x 1200
- Extends any DVI compliant device up to 200 feet (60 meters) from the computer at 1280 x 1024
- Extends USB 1.1 compliant devices up to 200 feet
- Uses CAT-5e cable for DDC and control signals
- Video is transmitted digitally for zero signal loss over CAT-5e cable
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Includes rack ears
- HDCP compliant

SPECIFICATIONS

- Single Link Bandwidth: 165 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I (29 pin) female (digital ony)
- USB Input: USB type "B" connector
- USB Output: two USB type "A" connectors
- Link Connectors: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17"W x 1.75" H x 4.375" D
- Shipping Weight: 7 lbs.

EXT-CAT5-5500HD

CAT-5 5500HD

Extends two DVI and USB up to 200 feet (60 meters) away.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any DVI compliant device up to 150 feet (45 meters) from the computer at 1920 x 1200
- Extends any DVI compliant device up to 200 feet (60 meters) from the computer at 1280 x 1024
- Extends USB 1.1 compliant devices up to 200 feet
- Uses CAT-5e cable for DDC and control signals
- Video is transmitted digitally for zero signal loss
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- HDCP compliant
- Rack-mountable

SPECIFICATIONS

- Single Link Bandwidth: 165 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I (29 pin) female (digital only)
- USB Input: USB type "B" connector
- USB Output: Two USB type "A" connectors
- Link Connectors: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17"W x 1.75" H x 4.375" D
- Shipping Weight: 8 lbs.

CAT-5 7500HD

Extends two DVI, USB, PS/2, RS-232 and audio devices up to 200 feet (60 meters) away.

EXT-CAT5-7500 HD

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any DVI compliant device up to 150 feet (45 meters) from the computer at 1920 x 1200
- Extends any DVI compliant device up to 200 feet (60 meters) from the computer at 1280 x 1024
- Also extends USB 1.1, PS/2, RS-232, and audio devices up to 200 feet from the computer
- Uses CAT-5e cable for DDC and control signals
- Video is transmitted digitally for zero signal loss over CAT-5e cable
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Rack-mountable
- HDCP compliant

SPECIFICATIONS:

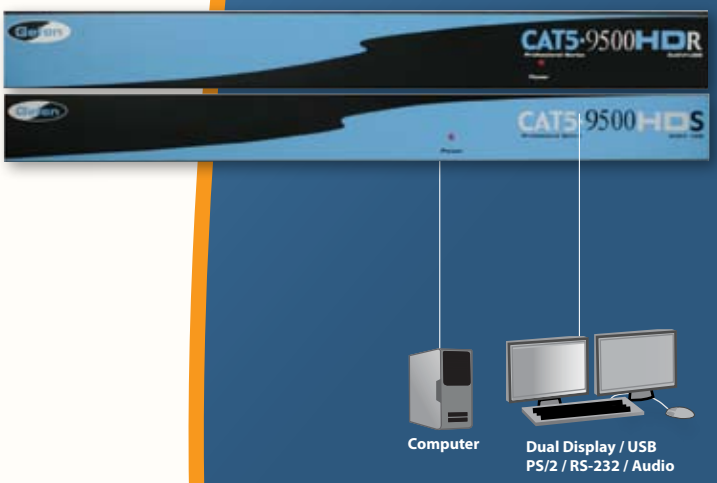
- Single Link Bandwidth: 165 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I (29 pin) female (digital)
- Link Connectors: RJ-45 shielded
- PS/2 Connector: 6 Pin Mini-DIN
- Audio Connector: Mini stereo 3.5mm jack
- USB Input: USB type "B" connector
- USB Output: two USB type "A" connectors
- RS-232 Input: db9 female
- RS-232 Output: db9 male
- Power Supply: 5V DC (external)
- Power Consumption: 20 Watts (max)
- Dimensions: 17" W x 1.75" H x 4.375" D
- Shipping Weight: 8 lbs.

CAT-5 9500HD

Extends one DVI, USB, PS/2, RS-232 and audio devices up to 200 feet (60 meters) over six CAT-5e cables.

COMPUTER AUDIO / VIDEO
PRO A/V

EXT-CAT5-9500 HD



FEATURES:

- Extends any DVI compliant device up to 150 feet from the computer at 1920x1200
- Extends any DVI compliant device up to 200 feet from the computer at 1280 x 1024
- Also extends USB 1.1, PS/2, RS-232, and audio devices up to 200 feet from the computer
- Uses CAT-5e cable for DDC and control signals
- Video is transmitted digitally for zero signal loss over CAT-5e cables
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Rack-mountable
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors : DVI-I (29 pin) female (digital only)
- Link Connector: RJ-45 shielded
- PS/2 Connector: 6 pin Mini-DIN
- Audio Connector: Mini stereo 3.5mm jack
- USB Input: USB type "B" connector
- USB Output: two USB type "A" connectors
- RS-232 Input: db9 female
- RS-232 Output: db9 male
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17" W x 1.75" H x 4.375" D
- Shipping Weight: 8 lbs.

EXT-FW- 1394BP

FIREWIRE 800 EXTENDER PLUS (Daisy Chain Capable)

Extends FireWire 1394.a & b devices up to 1640 feet (500 meters) using fiber optic cable.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends FireWire devices up to 1640 (500 meters) feet
- Transfer rates of 100/200/400/800 Mbps
- Compliant with IEEE 1394.a & b
- Allows remote devices to operate in real-time, connected to the source
- Works with Apple and PC computers
- Uses fiber optics to ensure long distance performance
- Daisy-chainable (fiber in, fiber out to go to the next receiver)

SPECIFICATIONS :

- Link Connector: LC
- Data rates: S100 (122.44 Mbps), S200 (245.76 Mbps), S400 (491.52 Mbps), S800 (983.04 Mbps)
- Power Supply: External 12V DC
- Power Consumption: 36 Watts (max)
- Dimensions: 3.89"D x 0.86"H x 3.50"D
- Shipping Weight: 6 lbs.

FW-141

FIREWIRE 400 REPEATER

Allows extension of 1394.a up to 250 feet using extension cables.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends FireWire devices up to 250 feet (76 meters)
- Transfer rates of 100/200/400 Mbps
- Compliant with IEEE 1394.a
- Compact size
- Shielded case
- Works with Apple and PC computers
- FireWire powered off of 6 pin bus

SPECIFICATIONS :

- Data rates: S100 (122.44 Mbps), S200 (245.76 Mbps), S400 (491.52 Mbps)
- Power Supply: 12 - 30V DC (not included)*
- Dimensions: 3.25"D x 0.75"H x 2.50"D
- Shipping Weight: 1 lb.

*Not required if using with a 6 pin FireWire bus

See FireWire Cables on page 42

FW-142

FIREWIRE 800 REPEATER

Allows extension of 1394.b up to 250 feet using extension cables.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends FireWire devices up to 250 feet (76 meters)
- Transfer rates of 100/200/400/800 Mbps
- Compliant with IEEE 1394.a & b
- Compact size
- Shielded case
- Works with Apple and PC computers
- FireWire powered off of 9 pin bus

SPECIFICATIONS :

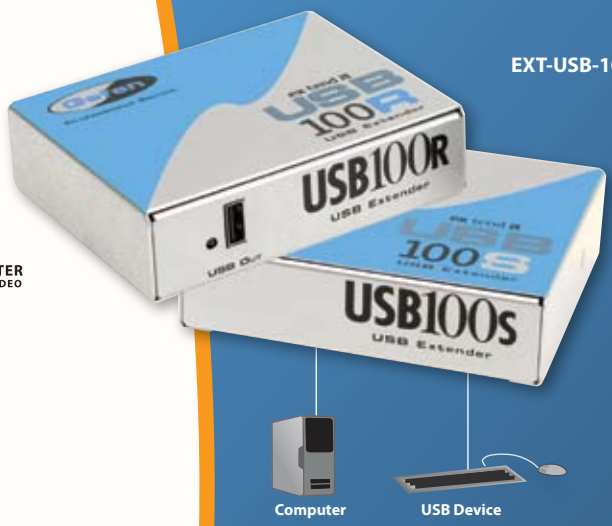
- Data rates: S100 (122.44 Mbps), S200 (245.76 Mbps), S400 (491.52 Mbps), S800 (983.04 Mbps)
- Power Supply: 12 - 30V DC (not included)*
- Dimensions: 3.25"D x 0.75"H x 2.50"D
- Shipping Weight: 1 lb.

*Power not required if using with a 9 pin FireWire bus

USB 100 (USB 1.1)

Extends any USB device up to 330 feet (100 meters) over one CAT-5e cable.

COMPUTER AUDIO / VIDEO



FEATURES:

- Extends any USB 1.1 device up to 330 feet (100 meters) away from the computer
- CAT-5e cable used for extension
- Saves space on your desktop
- Increases productivity
- Plug and play - installs in minutes
- For any computers with USB connection
- No power supply required at the receiving end
- Supports full 12 Mbps USB standard bandwidth

SPECIFICATIONS :

- USB device support: Full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connector: Type B
- USB Output Connector: Type A
- Power Consumption: 15 Watts (max)
- Link Connector: RJ-45 shielded
- Power Supply: 15V DC
- Dimensions: 4.75"W x 1.75" H x 5"D
- Shipping Weight: 3 lbs.

USB 200 (USB 1.1)

Extends any USB device up to 330 feet (100 meters) with built-in 2 port hub over one CAT-5e cable.

COMPUTER AUDIO / VIDEO

FEATURES:

- Extends any USB 1.1 device up to 330 feet (100 meters) away from the computer
- CAT-5e cable used for extension
- Eliminates computer noise where you work
- Plug and play - installs in minutes
- For any computers with USB connection
- No power supply required at the receiving end
- Supports full 12 Mbps USB standard bandwidth

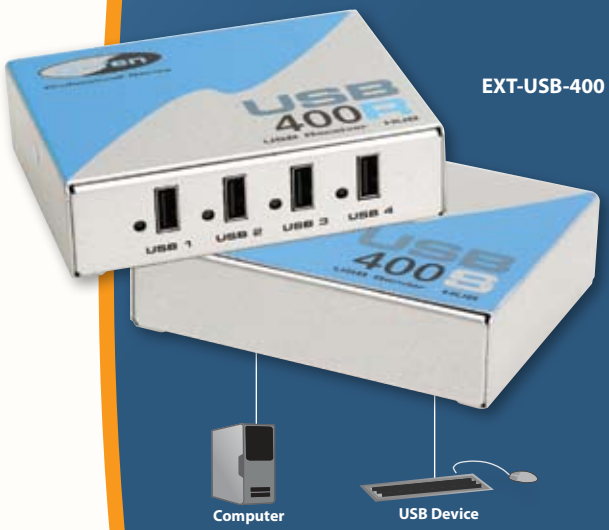
SPECIFICATIONS :

- USB device support: Full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connector: Type B
- USB Output Connectors: Type A
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 2.68"W x 1.5" H x 4.37"D
- Shipping Weight: 3 lbs.

USB 400 (USB 1.1)

Extends any USB device up to 330 feet (100 meters) with built-in 4 port hub over one CAT-5e cable.

COMPUTER AUDIO / VIDEO



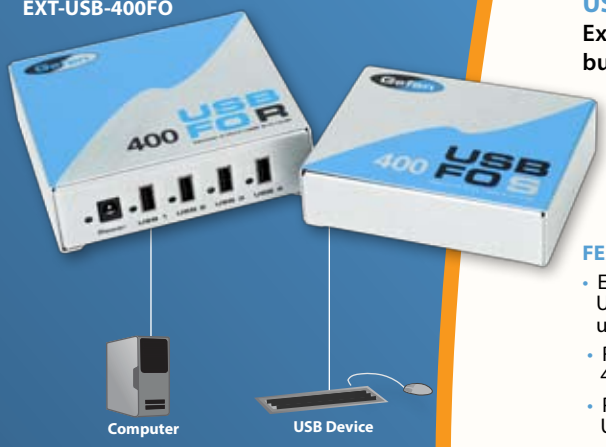
FEATURES:

- Extends any USB 1.1 device up to 330 feet (100 meters) away from the computer
- CAT-5 cable used for extension
- Saves space on your desktop
- Eliminates computer noise where you work
- Plug and play - installs in minutes
- For any computers with USB connection
- No power supply required at the receiving end
- Supports full 12 Mbps USB standard bandwidth

SPECIFICATIONS :

- USB device support: Full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connector: Type B
- USB Output Connectors: Type A
- Power Consumption: 15 Watts (max)
- Link Connector: RJ-45 shielded
- Power Supply: 15V DC
- Dimensions: 4.75"W x 1.75" H x 5"D
- Shipping Weight: 5 lbs.

EXT-USB-400FO



USB 400 FO (USB 2.0)

Extends any USB device up to 1640 feet (500 meters) with built-in 4 port hub over one CAT-5e cable.

COMPUTER AUDIO / VIDEO

FEATURES:

- Extreme USB technology extends the range of USB 2.0 devices up to 1640 meters (500 meters) using fiber-optic cable
- Remote extender 400FOR is equipped with 4 USB ports
- Provides support for both low-speed and high-speed USB devices
- Comes with a USB cable, power adapters and user guide
- Fully compliant with USB 2.0 specification as certified by the USB Implementer's Forum
- Number of devices can be expanded using standard USB hubs

SPECIFICATIONS :

- USB device support: 480Mbps
- USB Input Connectors: Type B
- USB Output Connectors: Type A
- Link Connector: LC
- Power Supply: 15V DC
- Power Consumption: 15 Watts (max)
- Dimensions: 4.75"W x 1.75"H x 5"D
- Shipping Weight: 2 lbs.

EXT-USB-500

USB 500 (USB 1.1)

Extends any USB device up to 1640 feet (500 meters) from the computer with built-in 4 port hub over multimode fiber optics cable.

COMPUTER AUDIO / VIDEO

FEATURES:

- Extreme USB technology extends the range of USB 1.1 devices up to 1650 meters (500 meters) using fiber-optic cable
- Remote extender 500R is equipped with 4 USB ports
- Provides support for both low-power and high-power USB devices
- Comes with a USB cable, power adapters and user guide
- Fully compliant with USB 1.1 specification as certified by the USB Implementer's Forum
- Number of devices can be expanded using standard USB hubs

SPECIFICATIONS :

- USB device support: Full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connectors: Type B
- USB Output Connectors: Type A
- Link Connector: MTRJ
- Power Supply: 15V DC
- Power Consumption: 15 Watts (max)
- Dimensions: 4.75" W x 1.75" H x 5" D
- Shipping Weight: 4 lbs.

EXT-USB-2.0

USB 2.0 EXTENDER (USB 2.0)

Extends USB up to 150 feet (45 meters) away over one CAT-5e cable.

COMPUTER AUDIO / VIDEO

FEATURES:

- Utilizes Extreme USB Technology
- Provides the freedom to operate USB 2.0 peripherals away from the computer
- Supports both low and hi-speed USB peripherals (1.0 and 2.0) and is compatible with either PC or Mac peripherals that use hi-speed USB 2.0 connectors
- CAT-5e cable used for extension
- Number of devices can be expanded using standard USB hubs

SPECIFICATIONS :

- USB Speed: 480 Mbps
- USB Input Connectors: Type B
- USB Output Connectors: Type A
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.25"W x 1.4" H x 3.4"D
- Shipping Weight: 3 lbs.

USB MIDI EXTENDER (USB 1.1)

Extends any USB device up to 150 feet (45 meters) away from the computer over one CAT-5e cable.

COMPUTER AUDIO / VIDEO

EXT-USB-MIDI

FEATURES:

- Extends any USB device up to 165 feet (50meters) using CAT-5e cable
- Requires no external power adapter
- Provides support for any full-speed 12 Mbps or low-speed 1.5Mbps USB device
- Use either PC or Mac with USB keyboard/ mouse
- Ideal for USB MIDI interface devices

SPECIFICATIONS :

- USB device support: full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connectors: Type B
- USB Output Connector: Type A
- Link Connector: RJ-45
- Shipping Weight: 1 lb.

MINI USB-2 EXTENDER *

Extends any USB device up to 150 feet (45 meters) with built-in 2 port hub over one CAT-5e cable.

COMPUTER AUDIO / VIDEO

EXT-USB-MINI2

FEATURES:

- Extends any USB 1.1 device up to 150 feet (45 meters) using CAT-5e cable
- Requires no external power adapter
- Contains internal USB hub
- Provides support for any full-speed 12 Mbps or low-speed 1.5Mbps USB device
- Use either PC or Mac with USB keyboard/mouse

SPECIFICATIONS :

- USB device support: full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connectors: Type B
- USB Output Connectors: Type A
- Link Connector: RJ-45 shielded
- Dimensions: 4" W x 2.8" H x .5" D
- Shipping Weight: 1 lb.

*** Mini USB-1 Extender (1 output port) SKU# EXT-USB-MINI**

WIRELESS USB EXTENDER (USB 2.0)

Connect high speed USB devices up to 100 feet (33 meters) away wirelessly.

COMPUTER AUDIO / VIDEO

EXT-WUSB

FEATURES:

- Provides the freedom to operate USB 2.0 peripherals away from the computer
- Extends any USB 2.0 device up to 100 feet (33 meters away) from the computer
- 802.11g specification
- Saves space on your desktop
- Supports both low and hi-speed USB peripherals (1.0 and 2.0)
- Supports peripherals that use hi-speed USB 2.0 connectors
- Maximum data transfer rate of 37 Mbps
- Eliminates computer noise in the work area

SPECIFICATIONS:

- USB Speed: 70 Mbps
- USB Input: type B; Output
- USB Output: type A; Output
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions (Sender): 1.4"W x 0.5"H x 3.4"D
- Dimensions (Receiver): 4.6"W x 1"H x 4.2"D
- Shipping Weight: 3 lbs.

EXT-GEF-USB

INLINE USB EXTENDER (USB 1.1)

Extends any USB device up to 150 feet (45 meters).

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any USB 1.1 device up to 150 feet (45 meters) using CAT-5 cable
- Requires no external power adapter
- Contains internal USB hub
- Provides support for any full-speed 12 Mbps or low-speed 1.5Mbps USB device
- Use either PC or Mac with USB keyboard/mouse

SPECIFICATIONS :

- USB device support: full-speed 12 Mbps Low- speed 1.5 Mbps
- USB Input Connectors: Type B
- USB Output Connectors: Type A
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 1" W x 1" H x 4" D
- Shipping Weight: 2 lbs.

EXT-USB-2-VGA

USB TO VGA ADAPTER

Takes USB and converts it to VGA.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Up to 6 USB to VGA Adapters can be used on one computer
- Output resolutions up to 1280 x 1024
- Shipping weight: 1 lb.

HARDWARE REQUIREMENTS:

- PC with 1.2GHz or higher processor clock speed required
- Intel Pentium/Celeron family, or AMD K6/Athlon/ Duron family, or compatible processor recommended
- 512 Megabytes (MB) of RAM
- At least one USB 2.0 port
- 12MB of available disk space
- Super VGA (800 x 600) or higher- resolution video adapter and monitor
- CD-ROM or DVD drive

EXT-USB-2-DVI

USB TO DVI ADAPTER

Takes USB and converts it to DVI.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Up to 6 USB to DVI Adapters can be used on a single computer
- DVI-I output, connect both a VGA display and or a DVI display
- Output resolutions up to 1600 x 1200 (UXGA)
- Shipping weight: 1 lb.

HARDWARE REQUIREMENTS:

- PC with 1.2GHz or higher processor clock speed required
- Intel Pentium/Celeron family, or AMD K6/Athlon/Duron family, or compatible processor recommended
- 512 Megabytes (MB) of RAM
- At least one USB 2.0 port
- 12MB of available disk space
- Super VGA (800 x 600) or higher- resolution video adapter and monitor
- CD-ROM or DVD drive

RS-232 EXTENDER

Extends any RS-232 device up to 1000 feet (300 meters) over one CAT-5e cable.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

EXT-RS232

FEATURES:

- Extends any RS-232 compliant device up to 1000 feet (300 meters) from the computer
- One CAT-5e cable extension
- Perfect for digital signage applications

SPECIFICATIONS:

- RS-232 Input Connector: DB-9 female
- RS-232 Output Connector: DB-9 male
- Link Connector: RJ-45 shielded
- Conforms to RS-232C standards
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1"W x 4"D x 1"H
- Shipping Weight: 1 lb.

DIGITAL AUDIO EXTENDER

Extends S/PDIF or TOSlink digital audio devices up to 330 feet (100 meters) over one CAT-5e cable.

EXT-DIGAUD-141

FEATURES:

- Extends any S/PDIF and TOSlink digital audio device up to 330 feet (100 meters) from the source
- Supports Digital 7.1 (DTS, Dolby Digital, etc.)
- Streamlines audio installations by allowing source devices to be located off-site
- One CAT-5e cable used for extension
- Audio is transmitted digitally for zero signal loss
- Receiver has both outputs active regardless of input type

SPECIFICATIONS :

- Data Transmission Rate: 12.8 Mbps
- S/PDIF (Digital Coax): up to 96 kHz performance
- Input/Output: S/PDIF (digital coax), optical TOSlink
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.25"H x 1.5"W x 3.875"D
- Shipping Weight: 1 lb.

HOME THEATER
PRO A/V

AUDIO EXTENDER

Extends analog audio and Microphone input up to 1000 feet (300 meters) away from a computer over one CAT-5e cable.

EXT-AUD-1000

FEATURES:

- Extends any unbalanced line level analog audio device up to 1000 feet (300 meters) from the source
- One CAT-5e cable used for extension
- Bi-directional transmission for speaker and microphone

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

SPECIFICATIONS:

- Sample Rate: 5 kHz (min) - 48 kHz (max)
- Frequency Response: 20Hz - 20kHz
- Audio Connectors: Mini stereo 3.5mm jack
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1"H x 1"W x 4"D
- Shipping Weight: 1 lb.

EXT-PS2-100

PS/2 EXTENDER

Extends computer PS/2 keyboard and mouse up to 1000 feet (300 meters) over one CAT-5e cable.

COMPUTER AUDIO / VIDEO

FEATURES:

- Extends PS/2 style computer mouse and keyboard
- Extends projectors with PS/2 mouse
- 1000 feet (300 meters) extension using CAT-5e cable

SPECIFICATIONS:

- PS/2 Connector: Mini-DIN 6 pin
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC (optional)
- Power Consumption: 5 Watts (max.)
- Dimensions: 1"W x 1"H x 4"D
- Shipping Weight: 2 lbs.

EXT-VGA-141LR

VGA EXTENDER LR

Extends VGA up to 330 feet (100 meters) over one CAT-5e cable.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any VGA or high definition component display up to 330 feet (100 meters)
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200

SPECIFICATIONS:

- Video amplifier bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Horizontal Frequency Range: 15-70 KHz
- Vertical Frequency Range: 30 - 170 Hz
- Video In: HD-15 male
- Video Out: HD-15 female
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max.)
- Dimensions: 1"W x 1" H x 4"D
- Shipping Weight: 2 lbs.

EXT-VGA-141SRN

VGA EXTENDER SR

Extends VGA up to 150 feet (45 meters) over one CAT-5e cable.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any VGA or high definition component display up to 150 feet (45 meters)
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200

SPECIFICATIONS:

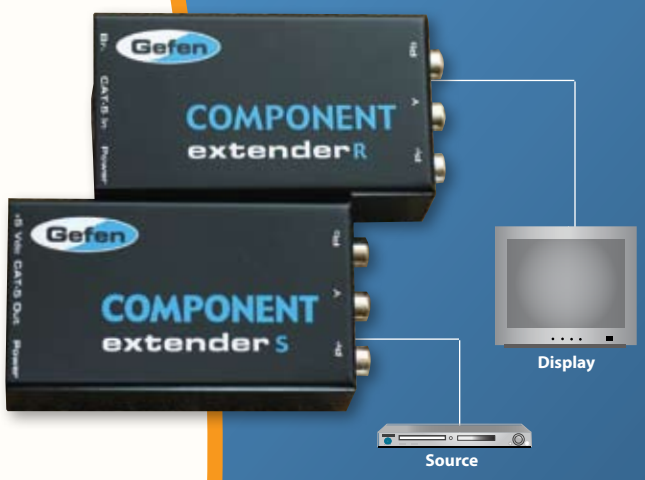
- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Horizontal Frequency Range: 15-70 KHz
- Vertical Frequency Range: 30 - 170 Hz
- Video In: HD-15 male
- Video out: HD-15 female
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max.)
- Dimensions: 1"W x 1" H x 4"D
- Shipping Weight: 2 lbs.

COMPONENT VIDEO EXTENDER

Extends component video up to 1000 feet (300 meters) over one CAT-5e cable.

HOME THEATER
PRO A/V

EXT-COMP-141



FEATURES:

- Supports up to 1080p component video
- Power required only on transmitter
- Plug & play installation
- Equalizations for different CAT-5 skews
- One CAT-5e cable for extension
- No loss of quality

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In/Out: 3 RCA component
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max.)
- Dimensions: 2"W x 1.25"H x 3.75"D
- Shipping Weight: 2 lbs.

COMPOSITE AND AUDIO EXTENDER

Extends composite video and stereo audio up to 1000 feet (300 meters) over one CAT-5e cable.

HOME THEATER
PRO A/V

EXT-COMPOSITE-141

FEATURES:

- Supports up to 480i composite video
- Supports analog L+R audio
- Power required only on transmitter
- Plug & play installation
- Equalizations for different CAT-5 skews
- One CAT-5e cable for extension

SPECIFICATIONS:

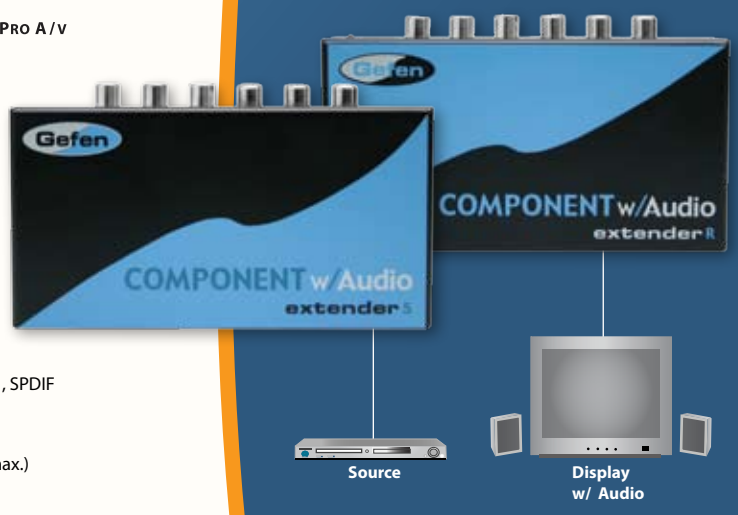
- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In/Out: 1 RCA composite
- Audio In/Out: 2 RCA audio
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max.)
- Dimensions: 2"W x 1.25"H x 3.75"D
- Shipping Weight: 2 lbs.

COMPONENT w/ AUDIO EXTENDER

Extends component video and stereo / digital audio up to 1000 feet (300 meters) over one CAT-5e cable.

HOME THEATER
PRO A/V

EXT-COMPAUD-141



FEATURES:

- Supports up to 1080p component video
- Supports analog L+R audio, TOSlink, and SPDIF
- Plug & play installation
- Equalizations for different CAT-5e skews
- One CAT-5e cable for extension
- No loss of quality

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In/Out: 3 RCA component
- Analog Audio In/Out: 2 RCA Audio
- Digital Audio Connector: TOSlink , SPDIF
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max.)
- Dimensions: 3"W x 1"H x 3.75"D
- Shipping Weight: 3 lbs.

EXT-VGARS232-141

VGA RS-232 EXTENDER

Extends VGA and RS-232 up to 330 feet (100 meters) over one CAT-5e cable.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any VGA or high definition component display and RS-232C device up to 330 feet (100 meters)
- Trim pod and dip switches for video equalization
- Perfect for digital signage applications
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p / Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- RS-232 Input Connector: DB-9 female
- RS-232 Output Connector: DB-9 male
- Link Connector: RJ-45 shielded
- Conforms to RS-232C standards
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max.)
- Dimensions: 4" W x 1.125" H x 3" D
- Shipping Weight: 3 lbs.

EXT-VGA-AUDIO–141

VGA AUDIO EXTENDER

Extends VGA and analog audio up to 330 feet (100 meters) over one CAT-5e cable.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any VGA or high definition component display and analog L+R audio device up to 330 feet (100 meters)
- Trim pod and dip switches for video equalization
- Perfect for digital signage applications
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Bi-directional audio transmission for speaker and mic

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p / Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Sample Rate: 5 kHz (min) - 48 kHz (max)
- Frequency Response: 20Hz - 20kHz
- Audio Connector: Mini stereo 3.5mm jack
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max.)
- Dimensions: 4" W x 1.125" H x 3" D
- Shipping Weight: 3 lbs.

EXT-VGA-CAT5-142

VGA EXTENDER

Extend and Distribute VGA up to 600 feet (180 meters) with two display outputs.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any VGA up to 600 feet (180 meters)
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Splits VGA signal to 2 outputs at the receiver

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: (2) HD-15 female
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max.)
- Sender Dimensions: 1"W x 1"H x 4"D
- Receiver Dimensions: 3"W x 1"H x 4"D
- Shipping Weight: 3 lbs.

CAT-5 1000

Extends VGA, USB, and audio up to 330 feet (100 meters) over one CAT-5e cable.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Extends any VGA display up to 330 feet (100 meters)
- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1 compliant devices up to 330 feet
- Stereo audio is extended for multimedia applications
- Uses one CAT-5e cable
- Rack-mountable
- Local video out

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Audio Connector: Mini stereo 3.5mm jack
- Brightness Control: 25 to 330 FT
- Link Connector: RJ-45 shielded
- USB Input/Output Connectors: Type B / type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts
- Dimensions: 8.5"W x 1.75"H x 4.6"D
- Shipping Weight: 7 lbs.

EXT-CAT5-1000

CAT-5 1500

Extends VGA, USB, and audio up to 330 feet (100 meters) over two CAT-5e cable.

COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES :

- Extends any VGA display up to 330 feet
- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1 compliant devices up to 330 feet
- Additional focus trimpod for higher resolutions
- Eliminates computer noise where you work
- Stereo audio is extended for multimedia applications
- Uses two CAT-5e cables
- Rack-mountable
- Local video out

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Audio Connector: Mini stereo 3.5mm jack
- Link Connectors: RJ-45 shielded
- USB Input/Output Connectors: Type B / type A
- Power Supply per unit: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 8.5"W x 1.75"H x 4.6"D
- Shipping Weight: 7 lbs.

EXT-CAT5-1500

CAT-5 5000

Extends two VGA, USB, and audio up to 330 feet (100 meters).

FEATURES :

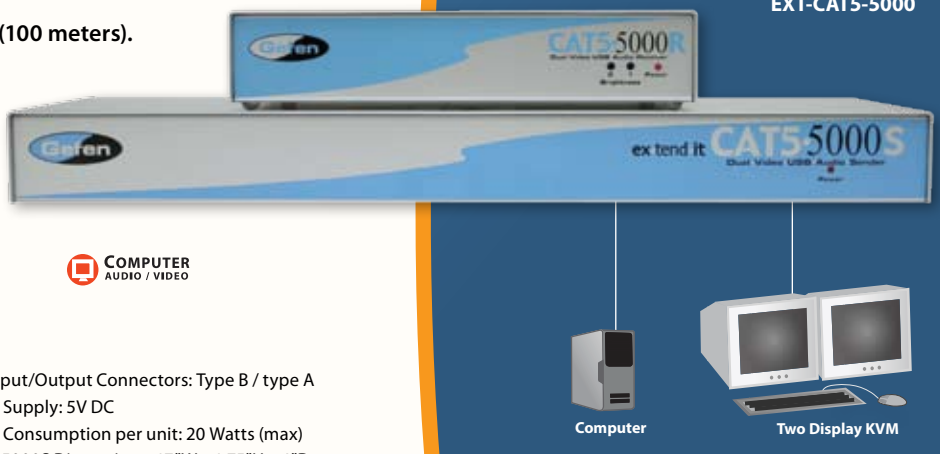
- Extends any two VGA displays up to 330 feet (100 meters)
- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1 compliant devices up to 330 feet
- Stereo audio is extended for multimedia applications
- Uses two CAT-5e cables
- Sender rack ears included
- Local video out

COMPUTER AUDIO / VIDEO

SPECIFICATIONS:

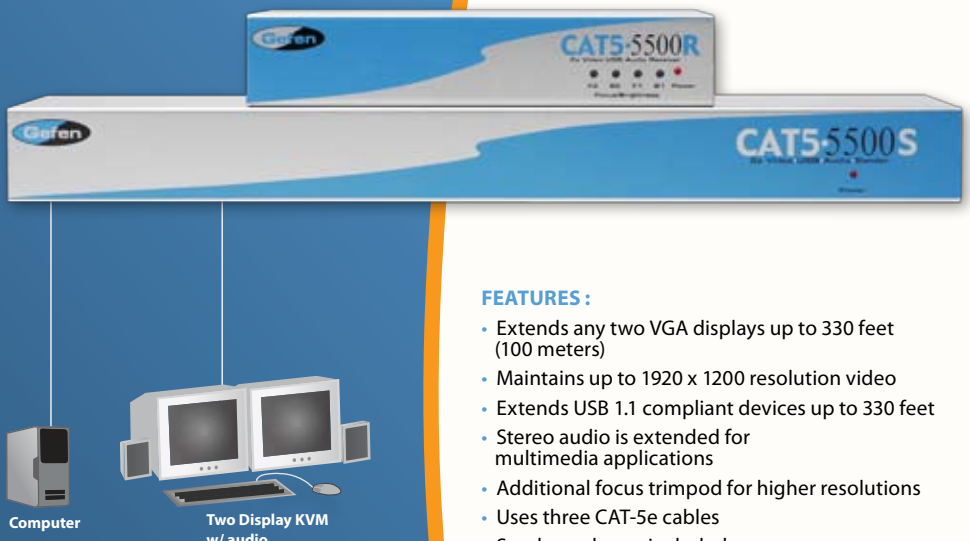
- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Audio Connector: Mini stereo 3.5mm jack
- Link Connectors: RJ-45 shielded
- USB Input/Output Connectors: Type B / type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts (max)
- CAT-5•5000S Dimensions: 17"W x 1.75"H x 4"D
- CAT-5•5000R Dimensions: 8.5"W x 1.75"H x 4"D
- Shipping Weight: 7 lbs.

EXT-CAT5-5000



COMPUTER AUDIO / VIDEO

EXT-CAT5-5500



CAT-5 5500

Extends two VGA, USB, and audio up to 330 feet (100 meters). using two CAT-5 cables.

FEATURES :

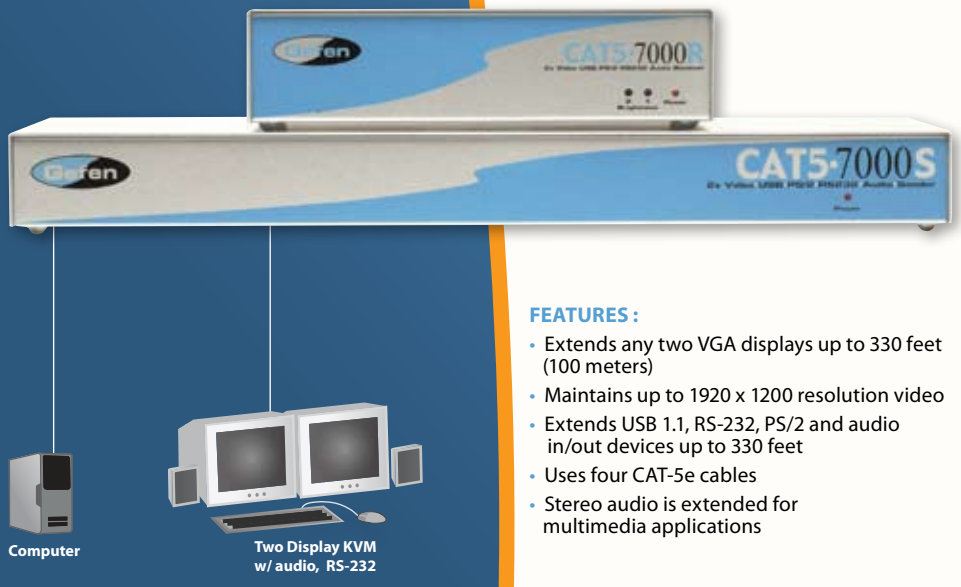
- Extends any two VGA displays up to 330 feet (100 meters)
- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1 compliant devices up to 330 feet
- Stereo audio is extended for multimedia applications
- Additional focus trimpod for higher resolutions
- Uses three CAT-5e cables
- Sender rack ears included
- Local video out

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Audio Connector: Mini stereo 3.5mm jack
- Link Connectors: RJ-45 shielded
- USB Input/Output Connectors: Type B / type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts (max)
- CAT-5•5000S Dimensions: 17"W x 1.75"H x 4"D
- CAT-5•5000R Dimensions: 8.5"W x 1.75"H x 4"D
- Shipping Weight: 8 lbs.

COMPUTER AUDIO / VIDEO

EXT-CAT5-7000



CAT-5 7000

Extends two VGA, PS/2, USB, RS-232, and audio up to 330 feet (100 meters).

FEATURES :

- Extends any two VGA displays up to 330 feet (100 meters)
- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1, RS-232, PS/2 and audio in/out devices up to 330 feet
- Uses four CAT-5e cables
- Stereo audio is extended for multimedia applications

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Audio Connector: Mini stereo 3.5mm jack
- Link Connectors: RJ-45 shielded
- RS-232 Connector: DB9
- PS/2 Connectors: 6 pin Mini-DIN
- USB Input/Output Connectors: Type B / type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts (max)
- CAT-5•7000S Dimensions: 17"W x 1.75"H x 4"D
- CAT-5•7000R Dimensions: 8.5"W x 2"H x 4"D
- Shipping Weight: 9 lbs.

CAT-5 7500

Extends two VGA, PS/2, USB, RS-232, and audio up to 330 feet (100 meters) using 5 CAT-5 cables.

COMPUTER AUDIO / VIDEO

FEATURES:

- Extends any two VGA displays up to 330 feet (100 meters)
- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1, RS-232, PS/2 and audio in/out devices up to 330 feet
- Additional focus trimpod for higher resolutions
- Stereo audio is extended for multimedia applications
- Uses five CAT-5e cables
- Rack-mountable
- Local video out

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Link Connectors: RJ-45 shielded
- Audio Connector: Mini stereo 3.5mm jack
- RS-232 Connector: DB9
- PS/2 Connectors: 6 pin Mini-DIN
- USB Input/Output Connectors: Type B / type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts (max)
- CAT-5 7500S Dimensions: 17"W x 1.75"H x 4"D
- CAT-5 7500R Dimensions: 8.5"W x 2"H x 4"D
- Shipping Weight: 9 lbs.

CAT-5 8000

Extends three VGA, USB, RS-232, and audio up to 330 feet (100 meters) using four CAT-5 cables.

FEATURES:

- Extends any three VGA displays up to 330 feet (100 meters)
- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1, RS-232 and audio in/out devices up to 330 feet
- Stereo audio is extended for multimedia applications
- Uses four CAT-5e cables
- Rack-mountable
- Local video out

COMPUTER AUDIO / VIDEO

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Link Connectors: RJ-45 shielded
- Audio Connector: Mini stereo 3.5mm jack
- RS-232 Connector: DB9
- USB Input/Output Connectors: Type B / type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts (max)
- CAT-5 8000S Dimensions: 17"W x 1.75"H x 4"D
- CAT-5 8000R Dimensions: 8.5"W x 2"H x 4"D
- Shipping Weight: 10 lb.

CAT-5 9000 *

Extends VGA, PS/2, RS-232, and audio up to 330 feet (100 meters) using three CAT-5 cables.

COMPUTER AUDIO / VIDEO

FEATURES:

- Extends any VGA display up to 330 feet (100 meters)
- Maintains up to 1920 x 1200 resolution video
- Extends RS-232, PS/2, USB and audio in/out devices up to 330 feet
- Stereo audio is extended for multimedia applications
- Uses three CAT-5e cables
- Rack-mountable
- Local video out

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Audio Connector: Mini stereo 3.5mm jack
- Link Connectors: RJ-45 shielded
- RS-232 Connector: DB9
- PS/2 Connectors: 6 pin Mini-DIN
- Power Supply: 5V DC
- Power Consumption Per unit: 20 Watts
- Dimensions: 8.5"W x 2"H x 4"D
- Shipping Weight: 7 lbs.

*** CAT-5 9000I (With USB Support) SKU# EXT-CAT-5-9000i**

EXT-HDMI-241N

2x1 HDMI SWITCHER

2x HDMI™ inputs, 1x HDMI™ output.

Home Theater
Pro A/V

FEATURES :

- Switch easily between any two HDMI™ sources
- Extends the range of HDMI™ compliant device by equalizing and reclocking the HDMI™ signal
- Maintains high resolution video—beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Remote port for RMT-2
- Front panel switching
- HDMI™ pass-through
- HDCP pass-through

SPECIFICATIONS :

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connector: Type A 19 pin female
- Remote Port: 3.5 mini stereo jack for RMT-2 or IR extension
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 4"W x 1"H x 4"D
- Shipping Weight: 3 lbs.

EXT-HDMI1.3-341

Home Theater
Pro A/V

3x1 SWITCHER FOR HDMI 1.3

Switch HDMI™ 1.3 between three sources to one display.

FEATURES :

- Switch easily between any three HDMI™ sources
- Extends the range of HDMI™ compliant device by equalizing and reclocking the HDMI™ signal
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Discrete push button for local switching
- HDMI™ and HDCP pass-through
- HDMI™ 1.3 compliant

SPECIFICATIONS :

- Single Link Bandwidth: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Pass through: lipsync, deep color, XV color space
- Single Link Range: 1080p/60 10 bit color depth
- HDMI™ Connector: Type A 19 pin female
- Remote Control Port: mini-stereo jack,
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 9.25"W x 1"H x 2.75"D
- Shipping Weight: 4 lbs.

EXT-HDMI1.3-441

Home Theater
Pro A/V

4x1 SWITCHER FOR HDMI 1.3

Switch HDMI™ 1.3 between four HDMI™ sources to one display.

FEATURES :

- Switch easily between any four HDMI™ sources
- Extends the range of HDMI™ compliant device by equalizing and reclocking the HDMI™ signal
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Discrete push button for local switching
- Serial RS-232 remote port
- HDMI™ and HDCP pass-through
- HDMI™ 1.3 compliant

SPECIFICATIONS :

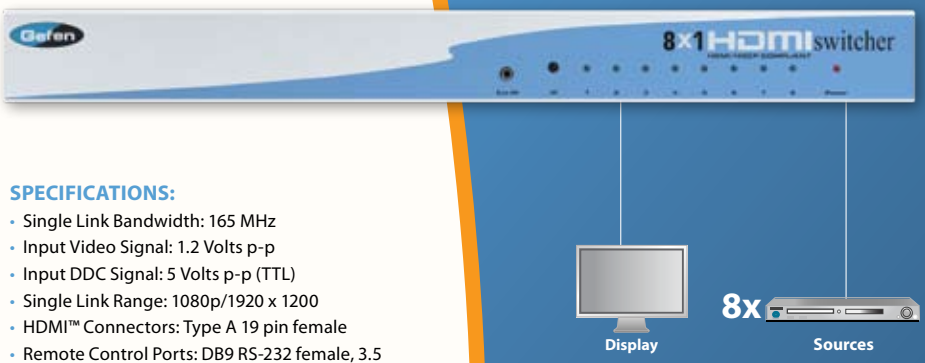
- Single Link Bandwidth: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/60 1920 x 1200.
- Pass through: lipsync, deep color, XV color space
- HDMI™ Connector: Type A 19 pin female
- Remote Control Port: DB9 RS-232 female, 3.5 mini-stereo
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 13.25"W x 1"H x 2.75"D
- Shipping Weight: 6 lbs.

8X1 SWITCHER FOR HDMI

Access up to eight sources from one display.

HOME THEATER
COMPUTER AUDIO / VIDEO

EXT-HDMI-841



FEATURES :

- Switch easily between any eight HDMI™ sources
- Extends the range of HDMI™ compliant devices by equalizing and reclocking the HDTV signal
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Serial RS-232 remote port
- HDMI™ pass-through
- HDCP pass-through

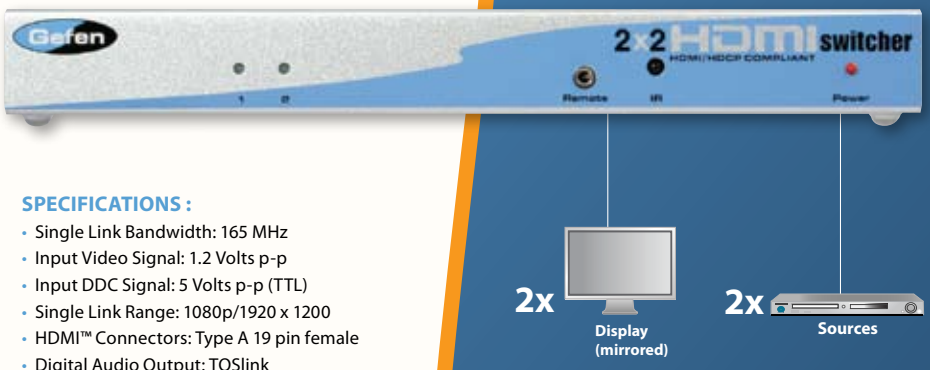
SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Remote Control Ports: DB9 RS-232 female, 3.5 mini- stereo
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max.)
- Dimensions: 17" W x 1.75" H x 4.375" D
- Shipping Weight: 7 lbs.

2x2 HDMI SWITCHER

2x HDMI™ inputs, 2x HDMI™ outputs (mirrored).

EXT-HDMI-242



FEATURES :

- Switch easily between any two HDMI™ sources
- Outputs are mirrored to two HDMI™ displays
- Additional digital optical audio output extracted from HDMI™ input for easy connection to multichannel audio receivers supporting surround sound
- Extends the range of HDMI™ compliant device by equalizing and reclocking the HDMI™ signal
- Maintains high resolution video—beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- RMT-2 Wired Remote
- Serial RS-232 remote port
- HDMI™ compliant
- HDCP compliant

HOME THEATER
PRO A/V

SPECIFICATIONS :

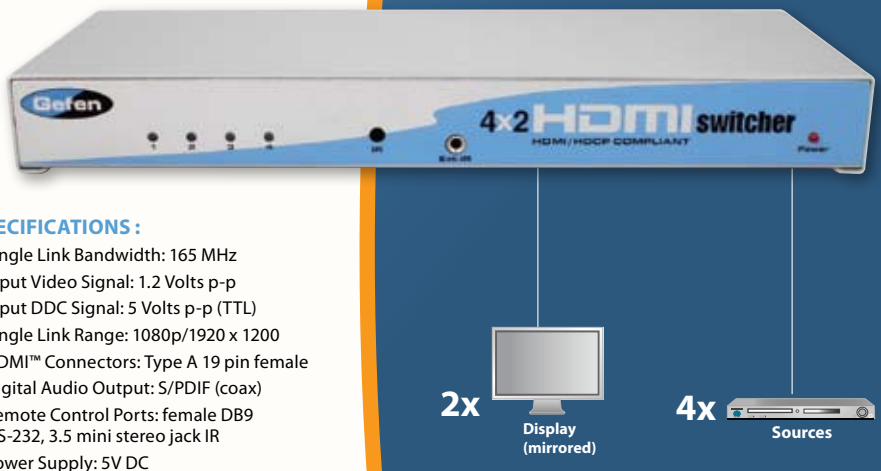
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Digital Audio Output: TOSlink
- Remote Control Ports: DB9 RS-232 female, 3.5 mini-stereo jack, IR extension.
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 10.25"W x 1.125"H x 4.25"D
- Shipping Weight: 4 lbs.

4x2 HDMI SWITCHER

4x HDMI™ inputs, 2x HDMI™ outputs (mirrored).

HOME THEATER
PRO A/V

EXT-HDMI-442



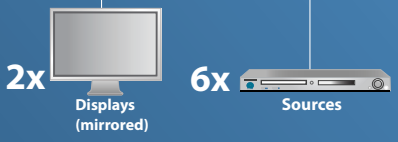
FEATURES :

- Switch easily between any four HDMI™ sources
- Outputs are mirrored to two HDMI™ displays
- Additional digital coax audio output extracted from HDMI™ input for easy connection to audio receivers
- Extends the range of HDMI™ compliant device by equalizing and reclocking the HDMI™ signal
- Maintains high resolution video—beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Serial RS-232 remote port
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS :

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Digital Audio Output: S/PDIF (coax)
- Remote Control Ports: female DB9 RS-232, 3.5 mini stereo jack IR
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 11"W x 1.25"H x 4.25"D
- Shipping Weight: 5 lbs.

EXT-HDMI-642



6x2 HDMI SWITCHER

6x HDMI™ inputs,
2x HDMI™ outputs (mirrored).

FEATURES :

- Switch easily between any six HDMI™ sources
- Outputs are mirrored to two HDMI™ displays
- Additional digital optical audio output extracted from HDMI™ input for easy connection to audio receivers
- Extends the range of HDMI™ compliant device by equalizing and reclocking the HDMI™ signal
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Serial RS-232 remote port
- Rack-mountable
- HDMI™ compliant
- HDCP compliant

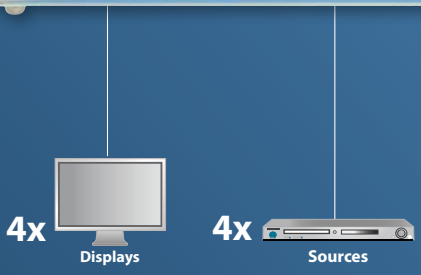
SPECIFICATIONS :

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Digital Audio Output: TOSlink
- Remote Control Ports: female RS-232, mini-stereo
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17 "W x 1.75"H x 5.875 "D
- Shipping Weight: 8 lbs.

HOME THEATER
PRO A/V

EXT-HDMI-444

HOME THEATER
PRO A/V



4x4 HDMI MATRIX

Connect and access any four sources from up to four displays.

FEATURES :

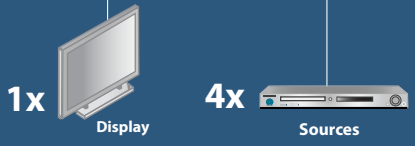
- Switch easily between any four HDMI™ sources
- Distributes any of the four inputs to any or any combination of the four HDMI™ output displays
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Serial RS-232 remote port
- Rack-mountable
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Remote Control Ports: RS-232 female, mini-stereo
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17 "W x 1.75"H x 5.875 "D
- Shipping Weight: 7 lbs.

EXT-HDTV-441N

HOME THEATER
COMPUTER
AUDIO / VIDEO



4x1 HDTV SWITCHER

Routes any one of four DVI sources to one DVI display.

FEATURES :

- Switch easily between any four DVI sources
- Extends the range of HDTV devices by equalizing and reclocking the HDTV signal
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Serial RS-232 remote port
- HDCP pass-through

SPECIFICATIONS:

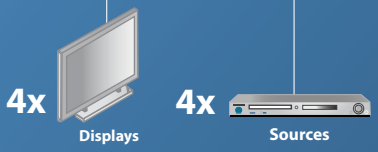
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connector: DVI-I 29 pin female (digital only)
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 11.125"W x 1.375"H x 3.125"D
- Shipping Weight: 6 lbs.

EXT-HDTV-444N

HOME THEATER
PRO A/V

4x4 HDTV MATRIX

Connect and access any four DVI sources to any four DVI displays.



FEATURES :

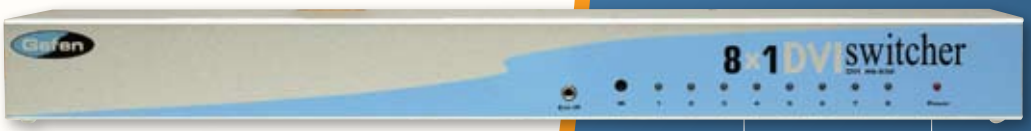
- Switch easily between any four DVI sources
- Distributes any of the four DVI inputs to any of the four DVI output displays
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Serial RS-232 remote port
- Rack ears included
- HDCP complaint

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- Remote Control Ports: RS-232 female, mini-stereo
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 1.75"H x 5.875"D
- Shipping Weight: 8 lbs.

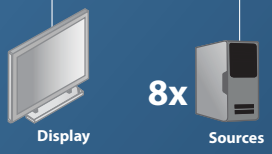
8x1 DVI SWITCHER

Routes any one of eight DVI sources to one DVI display.



EXT-DVI-841

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V



FEATURES:

- Switches easily between any eight DVI computers or HD DVI sources
- Maintains highest resolution single link video
- Extends the range of HDTV devices by equalizing and reclocking the HDTV signal
- Discrete IR remote (included)
- Serial RS-232 remote port
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standards for DVI monitors
- Rack ears included
- HDCP pass-through

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connector: DVI-I 29 pin female (digital only)
- Power Supply: 5 VDC
- Power Consumption: 20 Watts (max)
- Shipping Weight: 12 lbs.
- Control Ports: RS-232 female, mini stereo
- Dimensions: 17"W x 1.75"H x 4.375"D
- Rack-mountable: 1U rack space
- Shipping Weight: 10 lbs.

4x1 HD-SDI SWITCHER

Switch HD-SDI between four HD-SDI sources from one HD-SDI display.

PRO A/V

EXT-HDSDI-441N

FEATURES :

- Use one display to access four sources
- Eliminates unnecessary hardware while increasing efficiency
- Discrete IR remote (included)
- Discrete RS-232 switching

SPECIFICATIONS:

- Input/Output: SDI - SMPTE 259M-C
- (270Mbps);HD-SDI - SMPTE 292M
- (1.485, 1.485/1.001 Gbps)
- Supports NTSC, PAL & and all HD formats
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 7.5"W x 1.1"H x 3.5"D
- Shipping Weight: 2 lbs.

EXT-DIGAUD-241

2x1 DIGITAL AUDIO SWITCHER

Easily switch between two digital audio devices to one digital audio receiver.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES:

- Connects two digital audio sources to a receiver using one input
- Supports two formats – S/PDIF and optical
- Eliminates the need to unplug and replug devices
- Front panel switching
- Discrete IR remote (included)
- Contact closure remote port (RMT-2 not included)
- Easy to operate – sources are selected remotely or manually

SPECIFICATIONS:

- Input/Output: S/PDIF (Digital Coax), Optical TOSlink
  S/PDIF (Digital Coax): Up to 96 kHz performance
- Power Supply 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 4" W x 1.25" H x 3.25" D
- Shipping Weight: 2 lbs.

EXT-DVIKVM-241

2x1 DVI KVM SWITCHER

Switches DVI, USB 2.0 & audio between any two computers to one DVI display and USB keyboard / and mouse.

COMPUTER AUDIO / VIDEO

FEATURES :

- Switches easily between any two DVI computers with USB 2.0 and audio
- Maintains highest resolution single link video
- Saves time and increase your productivity
- Use either PC or Mac USB 2.0 keyboard/mouse
- Independent EQ adjustments that compensate for low quality cables
- Front panel switching
- Contact closure remote port (RMT-2 not included)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standards for DVI monitors

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- Audio Connectors: Mini stereo 3.5mm jack
- USB 2.0 Input Connection: Type "B"
- USB 2.0 Output Connection: Type "A"
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 7"W x 1.25"H x 3"D
- Shipping Weight: 4 lbs.

EXT-DVIKVM-241SL

2x1 DVI SL KVM SWITCHER

Switch single link DVI, USB 2.0 & audio between two computers to one DVI display and USB keyboard / and mouse.

COMPUTER AUDIO / VIDEO

FEATURES:

- Switches easily between any two DVI computers with USB 2.0 and audio
- Maintains highest resolution single link video
- Saves time and increase your productivity
- Use either PC or Mac USB 2.0 keyboard/mouse
- Independent EQ adjustments that compensate for low quality cables
- Front panel switching
- Discrete IR remote (included)
- Contact closure remote port (RMT-2 not included)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standards for DVI monitors
- Rack-mountable

SPECIFICATIONS:

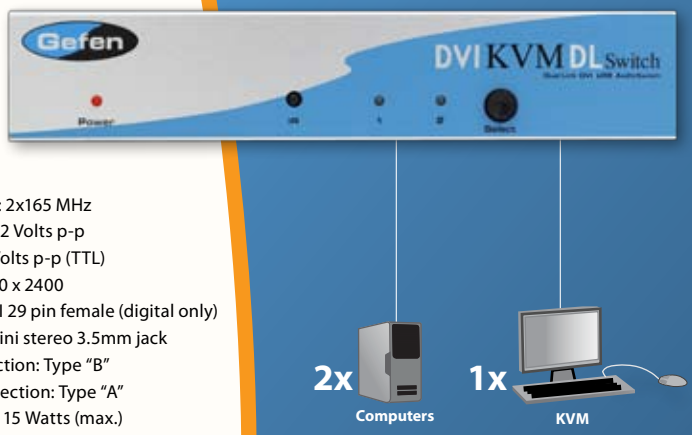
- Dual Link Bandwidth: 2 x 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connector: DVI-I 29 pin female (digital only)
- Audio Connector: Mini stereo 3.5mm jack
- USB 2.0 Input Connection: Type "B"
- USB 2.0 Output Connection: Type "A"
- Power Supply: 5V DC
- Power Consumption: 15 Watts (max)
- Dimensions: 8.5" W x 1.75" H x 4.625" D
- Rack-mountable: 1U half rack space
- Shipping Weight: 4 lbs.

2x1 DVI DL KVM SWITCHER

Switch dual link DVI, USB 2.0 & audio between two computers to one DVI display and USB keyboard / and mouse.

COMPUTER AUDIO / VIDEO

EXT-DVIKVM-241DL



FEATURES:

- Switches easily between any two dual link DVI computers with USB 2.0 and audio
- Maintains highest resolution dual link video
- Saves time and increase your productivity
- Use either PC or Mac USB 2.0 keyboard/mouse
- Front panel switching
- Discrete IR remote (included)
- Contact closure remote port (RMT-2 not included)
- Supports resolutions up to 1080p, 2K, and 3840 x 2400
- Supports DDWG standards for DVI monitors
- Rack-mountable

SPECIFICATIONS:

- Dual Link Bandwidth: 2x165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Dual Link Range: 3840 x 2400
- DVI Connectors: DVI-I 29 pin female (digital only)
- Audio Connectors: Mini stereo 3.5mm jack
- USB 2.0 Input Connection: Type "B"
- USB 2.0 Output Connection: Type "A"
- Power Consumption: 15 Watts (max.)
- Power Supply: 5V DC
- Dimensions: 8.5" W x 1.75" H x 4.625" D
- Rack-mountable: 1U half rack space
- Shipping Weight: 5 lbs.

2x2 DVI DL KVM SWITCHER *

Access two computers (PC or Mac) using two displays each.

COMPUTER AUDIO / VIDEO

EXT-DVIKVM-422 DL

FEATURES:

- Switches easily between any two dual display DVI computers with USB 2.0 and audio
- Output to two DVI flat panel displays in extended desktop
- Maintains highest resolution single link video
- Saves space on your desktop
- Use either PC or Mac keyboard/mouse
- Front panel switching
- Contact closure remote port (RMT-2X2 not included)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standards for DVI monitors
- Includes rack ears

SPECIFICATIONS:

- Dual Link Bandwidth: 2 x 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- Audio Connectors: Mini stereo 3.5mm jack
- USB Input Connection: Type "B"
- USB Output Connection: Type "A"
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17"W x 1.75"H x 4.375"D
- Rack-mountable: 1U rack space
- Shipping Weight: 7 lbs.

*** 2X2 DVI SWITCHER (SL) EXT-DVI-422**

4x1 DVI DL KVM SWITCHER

Switch dual link DVI and USB 2.0 devices between four computers.

COMPUTER AUDIO / VIDEO

EXT-DVI-441DLP

FEATURES:

- Switches easily between any four dual link DVI computers with USB 2.0
- Maintains highest 3840 x 2400 resolution dual link video
- Saves you money on hardware costs
- Use either PC or Mac USB 2.0 keyboard/mouse
- Front panel switching
- Discrete IR remote (included)
- Contact closure remote port (RMT-4 not included)
- Serial RS-232 control available (EXT-DVI-441DLS)
- Supports resolutions up to 1080p, 2K, and 3820 x 2400
- Supports DDWG standards for DVI monitors
- Includes rack ears

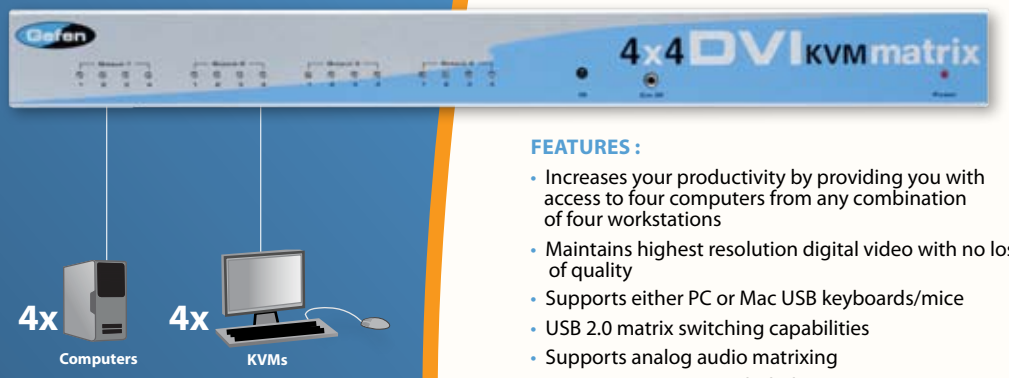
SPECIFICATIONS:

- Dual Link Bandwidth: 2 x 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Dual Link Range: 3840 x 2400
- DVI Connectors: DVI-I 29 pin female (digital only)
- Audio Connectors: Mini stereo 3.5mm jack
- USB 2.0 Input Connection: Type "B"
- USB 2.0 Output Connection: Type "A"
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17" W x 1.75" H x 4.375" D
- Rack-mountable: 1U rack space
- Shipping Weight: 8 lbs.

4X4 DVI KVM MATRIX *

Switches four KVM sources, DVI, USB, and audio to any four DVI, USB, and audio workstations.

DVIKVM-444N



COMPUTER AUDIO / VIDEO

FEATURES :

- Increases your productivity by providing you with access to four computers from any combination of four workstations
- Maintains highest resolution digital video with no loss of quality
- Supports either PC or Mac USB keyboards/mice
- USB 2.0 matrix switching capabilities
- Supports analog audio matrixing
- Discrete IR remote (included)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standards for DVI monitors
- Includes rack ears

SPECIFICATIONS:

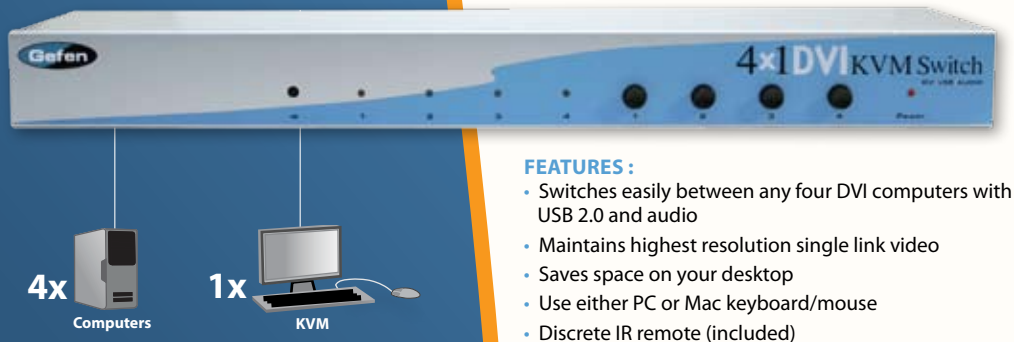
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- USB Input Connection: Type "B"
- USB Output Connection: Type "A"audio
- Audio connectors: 3.5mm mini stereo jack
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17"W x 3.25"H x 5.875"D
- Rack-mountable: 1U rack space
- Shipping Weight: 12 lbs.

*** 4X4 SWITCHER (NON KVM) SKU# EXT-DVI-444N**

4X1 DVI KVM SWITCHER

Switch between any four computers (Mac or PC) with DVI and USB 2.0 devices to one DVI display and USB keyboard / mouse.

EXT-DVIKVM-441



COMPUTER AUDIO / VIDEO

FEATURES :

- Switches easily between any four DVI computers with USB 2.0 and audio
- Maintains highest resolution single link video
- Saves space on your desktop
- Use either PC or Mac keyboard/mouse
- Discrete IR remote (included)
- Contact closure remote control option (RMT-4)
- Supports resolutions up to 1080p and 1920 x 1200
- Supports DDWG standards for DVI monitors
- RS-232 remote port
- Rack-mountable

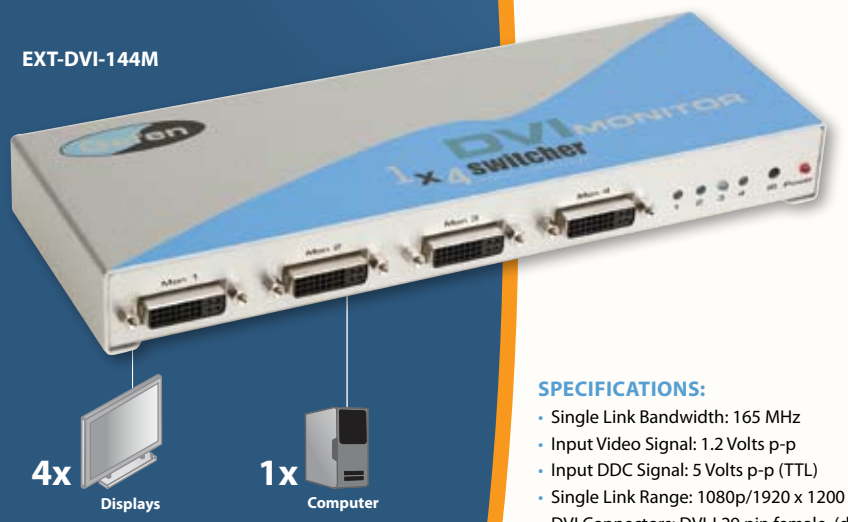
SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- Audio Connectors: 3.5mm mini stereo
- USB Input Connection: Type "B"
- USB Output Connection: Type "A"
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17"W x 1.75"H x 4.375"D
- Rack-mountable: 1U rack space
- Shipping Weight: 8 lbs.

1x4 DVI MONITOR SWITCHER

Reverse switch takes one input and switches between four DVI/HDMI displays.

EXT-DVI-144M



HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES :

- Switch multiple DVI/HDMI displays from one source
- Maintains highest single link 1920 x 1200 video resolution
- Supports DDWG standard for DVI compliant monitors
- Discrete IR remote (included); contact closure controllable
- Contact closure remote port (RMT-4 not included)
- HDCP pass-through
- HDMI™ pass-through

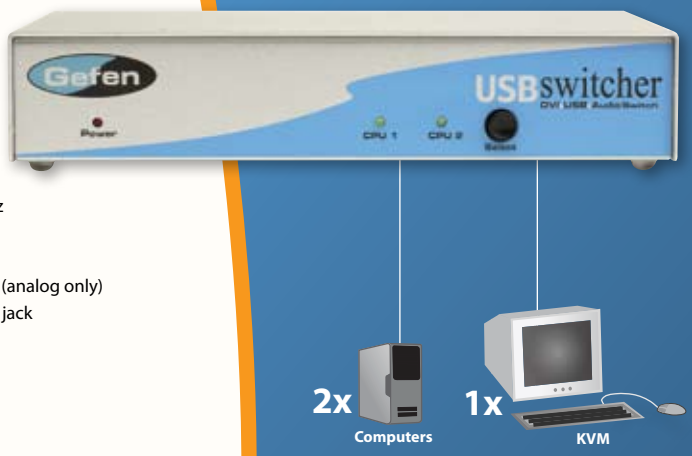
SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- IR Extension Port: Mini-stereo jack
- Remote Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 9.125 "W x 1.125"H x 3.25"D
- Shipping Weight: 2.5 lbs.

USB KVM SWITCHER

Switches VGA, USB 1.1 and audio between any two computers.

EXT-USB-2X1



FEATURES :

- Switches easily between any two VGA computers with USB 1.1 and audio
- Maintains highest 1920 x 1200 resolution video
- Use either PC or Mac USB 1.1 keyboard/mouse
- Front panel discrete switching
- Discrete remote switching
- Contact closure remote port (RMT-2)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Rack-mountable

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video Connector: DVI-I 29 pin female (analog only)
- Audio Connector: Mini stereo 3.5mm jack
- USB Input Connection: Type "B"
- USB Output Connection: Type "A"
- Power Supply: 12 V AC
- Power Consumption: 18 Watts (max)
- Dimensions: 8.5"W x 1.75"H x 4"D
- Rack-mountable: 1U half rack space
- Shipping Weight: 6 lbs.

COMPUTER AUDIO / VIDEO

2x2 VGA KVM SWITCHER

Switches extended desktop dual VGA displays, USB 1.1 and audio between any two computers.

EXT-VGA-422

FEATURES :

- Switches easily between any two dual VGA computers with USB 1.1 and audio
- Output to two extended desktop VGA displays
- Maintains highest 1920 x 1200 resolution video
- Use either PC or Mac USB 1.1 keyboard/mouse
- Front panel switching
- Contact closure remote port (RMT-4 2 button)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Includes rack ears

SPECIFICATIONS:

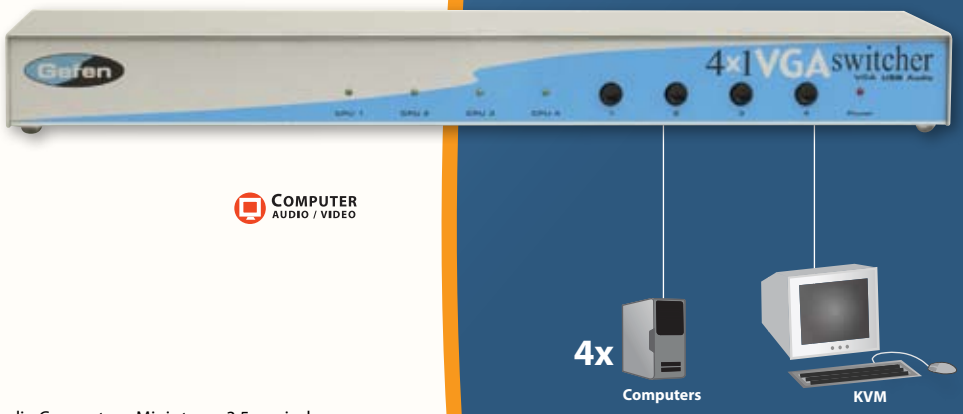
- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video Connectors: DVI-I 29 pin female (analog only)
- Audio Connectors: Mini stereo 3.5mm jack
- USB Input Connection: Type "B"
- USB Output Connection: Type "A"
- Power Supply: 12V AC
- Power Consumption: 18 Watts (max)
- Dimensions: 17"W x 1.75"H x 4.375"D
- Rack-mountable: 1U rack space
- Shipping Weight: 8 lbs.

COMPUTER AUDIO / VIDEO

4x1 VGA KVM SWITCHER

Switches VGA, USB 1.1 and audio between any four computers.

EXT-VGA-4X1



COMPUTER AUDIO / VIDEO

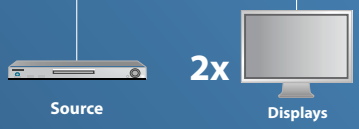
FEATURES :

- Switches easily between any four VGA computers with USB 1.1 and audio
- Output to VGA display
- Maintains highest 1920 x 1200 resolution video
- Use either PC or Mac USB 1.1 keyboard/mouse
- Front panel switching
- Contact closure remote port (RMT-4 not included)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Includes rack ears

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video Connectors: DVI-I 29 pin female (analog only)
- USB Input Connection: Type "B"
- USB Output Connection: Type "A"
- Audio Connectors: Mini stereo 3.5mm jack
- Power Supply: 12V AC
- Power Consumption: 18 Watts (max)
- Dimensions: 17"W x 1.75"H x 4.375"D
- Rack-mountable: 1U rack space
- Shipping Weight: 9 lbs.

EXT-HDMI-142



HOME THEATER
PRO A/V

1:2 HDMI SPLITTER

1x HDMI™ input, 2x HDMI™ outputs with digital audio output.

FEATURES:

- Connects two HDMI™/DVI displays at the same time to the HDTV source
- Allows simultaneous displays to be connected
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Digital audio support for audio receivers
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range:1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Power Consumption: 20 Watts (max.)
- Power Supply 5V DC
- Dimensions: 10.25"W x 1" H x 4.25" D
- Shipping Weight: 3 lbs.

EXT-HDMI-143

1:3 HDMI SPLITTER

1x HDMI™ input, 3x HDMI™ outputs.

HOME THEATER

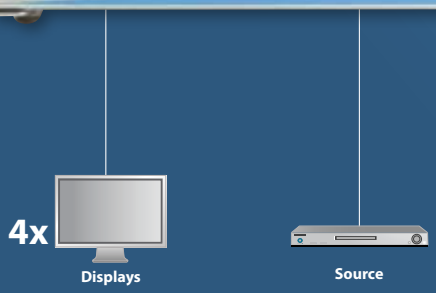
FEATURES:

- Connects up to three HDMI™/DVI displays at the same time to one HDTV source
- Allows simultaneous display
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k and computer resolutions up to 1920 x 1200 are easily achieved
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum resolution: 1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Power Supply 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 6.5"W x 1.25"H x 4.125"D
- Shipping Weight: 3 lbs.

EXT-HDMI-144



HOME THEATER
PRO A/V

1:4 HDMI SPLITTER

1x HDMI™ input, 4x HDMI™ outputs with digital audio output with digital audio output.

FEATURES :

- Connects up to four HDMI™/DVI displays at the same time to one video source
- Allows simultaneous display
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- HDMI™ compliant
- HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connector: Type A 19 pin female
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 12"W x 1.25"H x 4.25"D
- Shipping Weight: 4 lbs.

EXT-HDMI1.3-244

2x4 HDMI 1.3 SWITCHER/SPLITTER

2x HDMI™ inputs, 4x HDMI™ outputs (mirrored).

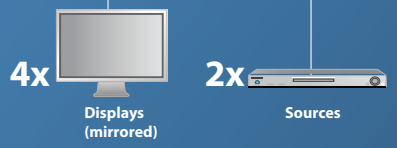
HOME THEATER
PRO A/V

FEATURES :

- Switch easily between any two HDMI™/DVI sources
- Outputs are mirrored to four HDMI™/DVI displays simultaneously
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- HDMI™ and HDCP compliant

SPECIFICATIONS:

- Single Link Bandwidth: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/60
- Pass through: lipsync, deep color, XV color space
- Supports Dolby true HD & Dolby Master
- HDMI™ Connector: Type A 19 pin female
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 12"W x 1.25"H x 4.25"D
- Shipping Weight: 6 lbs.



1:2 DVI SPLITTER

1x DVI input, 2x DVI outputs, expandable to 1:4 and 1:6 versions.

COMPUTER AUDIO / VIDEO

EXT-DVI-142SL

FEATURES:

- Connects computers with DVI graphics to two DVI compatible monitors or projectors
- Allows simultaneous display of one source
- Maintains highest DVI single link 1920 x 1200 video resolution
- Supports DDWG standard for DVI monitors

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range:1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.5"W x 1"H x 5.2"D
- Shipping Weight: 3 lbs.

1:2 DVI DL SPLITTER

1x dual link DVI input, 2x dual link DVI outputs.

COMPUTER AUDIO / VIDEO

EXT-DVI-142DL

FEATURES :

- Splits a dual link DVI signal to two dual link DVI displays
- Allows simultaneous display
- Supports resolutions up to 1080p, 2K, and 3840 x 2400
- Supports HDCP pass-through for output one
- Supports DDWG standard for DVI compliant monitors

SPECIFICATIONS:

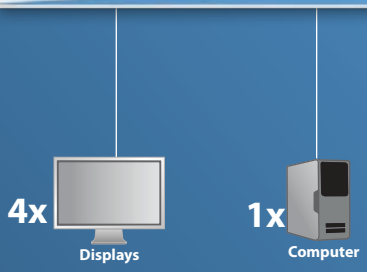
- Dual Link Bandwidth: 2 x 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Dual Link Range: 3840 x 2400
- DVI Input/Output Connectors: DVI-I (29 pin) female (digital only)
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 5 "W x 1"H x 4"D
- Shipping Weight: 2 lbs.

EXT-DVI-144N

1:4 DVI SPLITTER

1x DVI input, 4x DVI outputs.

COMPUTER AUDIO / VIDEO



FEATURES:

- Connects computers with DVI graphics to four DVI compatible monitors or projectors
- Allows simultaneous display of one source
- Maintains 1920 x 1200 video resolution
- Supports DDWG standard for DVI monitors

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range:1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: : 17"W x 1.75"H x 5.875"D
- Shipping Weight: 5 lbs.

EXT-DVI-147

1:6 DVI SPLITTER *

1x DVI input, 6x DVI outputs.

COMPUTER AUDIO / VIDEO

FEATURES:

- Connects computers with DVI graphics to six DVI compatible monitors or projectors
- Allows simultaneous display of one source
- Maintains 1920 x 1200 video resolution
- Built-in DVI Detective for storage of EDID data
- Supports DDWG standard for DVI monitors
- Switch between 3 DVI inputs using RMT16

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range:1080p/1920 x 1200
- DVI Connector: DVI-I 29 pin female (digital only)
- Remote Connector: RJ-11
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 4.5"W x 3.5"H x 5.2"D
- Shipping Weight: 4 lbs.

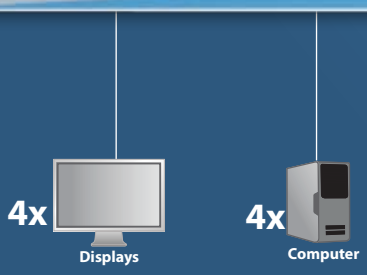
* 1:4 DVI SPLITTER **SKU# EXT-DVI-145**

EXT-DVI-444N

4X4 DVI MATRIX

4x DVI input, 4x DVI outputs.

COMPUTER AUDIO / VIDEO



FEATURES:

- Increases your productivity by providing you with access to four computers from four workstations
- Maintains highest resolution digital video with no loss of quality
- Discrete IR remote (included)
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standards for DVI monitors
- Includes rack ears

NOTE: This device does not support HDCP.

SPECIFICATIONS:

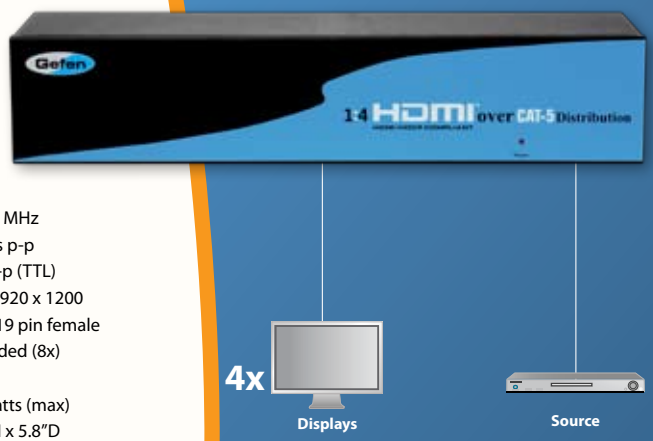
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connector: DVI-I 29 pin female (digital only)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17"W x 1.75"H x 5.875"D
- Rack-mountable: 1U Rack Space
- Shipping Weight: 7 lbs.

1:4 DISTRIBUTION OVER CAT-5 FOR HDMI

Distribute one HDMI™ source to four displays from 300 feet over two CAT-5 cables.

HOME THEATER
DIGITAL SIGNAGE
PRO A/V

EXT-HDMI-CAT5-144



FEATURES:

- Connects up to four HDMI™ / DVI displays at the same time to one HDTV source
- Allows simultaneous displays
- Maximum resolutions up to up to 1080p, 2k, and computer resolutions up to 1920 x 1200
- Extends high definition displays up to 150 feet from the source at 1080p, 300 feet at 1080i
- Improved compensation for cable skew
- Eliminates equipment noise in the viewing environment
- HDMI™ transmitted digitally over the CAT-5e cable for zero signal loss
- HDMI™ and HDCP compliant
- Rack ears included

SPECIFICATIONS:

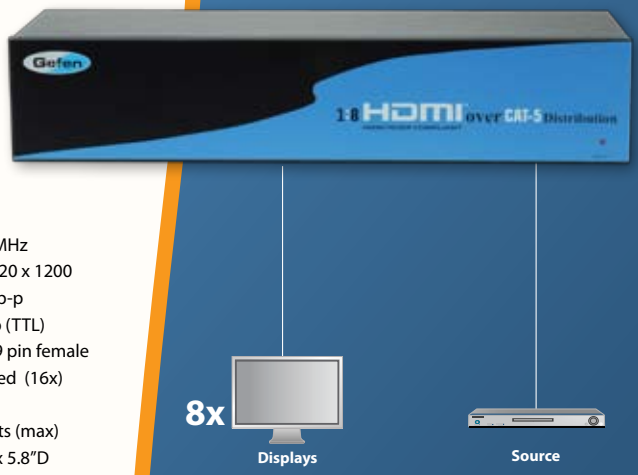
- 2U rack mount
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connector: Type A 19 pin female
- Link Connector: RJ-45 shielded (8x)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 4.25 "H x 5.8"D
- Shipping Weight: 15 lbs

1:8 DISTRIBUTION OVER CAT-5 FOR HDMI

Distribute one HDMI™ source to eight displays from 300 feet over CAT-5.

HOME THEATER
DIGITAL SIGNAGE
PRO A/V

EXT-HDMI-CAT5-148



FEATURES:

- Connects up to eight HDMI™/DVI displays at the same time to one video source
- Allows simultaneous displays
- Maximum resolutions up to up to 1080p, 2k, and computer resolutions up to 1920 x 1200
- Extends high definition displays up to 150 feet from the source at 1080p, 300 feet at 1080i
- Improved compensation for cable skew
- Eliminates equipment noise in the viewing environment
- HDMI™ is transmitted digitally over the CAT-5e cable for zero signal loss
- HDMI™ and HDCP compliant
- Includes four receivers (EXT-HDMI-CAT-5-DA)
- Rack ears included

SPECIFICATIONS:

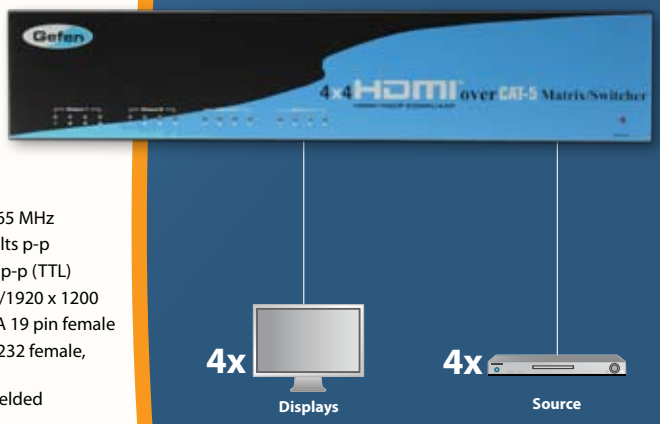
- Single Link Bandwidth: 165 MHz
- Single Link Range: 1080p/1920 x 1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A 19 pin female
- Link Connector: RJ-45 shielded (16x)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 4.25 "H x 5.8"D
- Shipping Weight: 19 lbs

MATRIX OVER CAT-5 FOR HDMI

Connect and access four HDMI™ sources to any four displays up to 300 feet over CAT-5 cables.

HOME THEATER
PRO A/V

EXT-HDMI-CAT5-444



FEATURES:

- Switch easily between any four HDMI™ sources
- Distributes any of the four inputs to any or any combination of the four HDMI™ output displays
- Maximum resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200
- Discrete IR remote (included)
- Rack-mountable
- Extends high definition displays up to 150 feet from the source at 1080p, 300 feet at 1080i
- Improved compensation for cable skew
- Eliminates equipment noise in the viewing environment
- HDMI™ is transmitted digitally over the CAT-5e cable no loss
- HDMI™ and HDCP compliant
- IR back channel to control source devices
- Matrix can be remote controlled using the Gefen RMT-444MSR, optional IR extender for remotes, or RS-232 control from remotes or from the main unit
- Includes four receivers (EXT-HDMI-CAT5-444R)

SPECIFICATIONS:

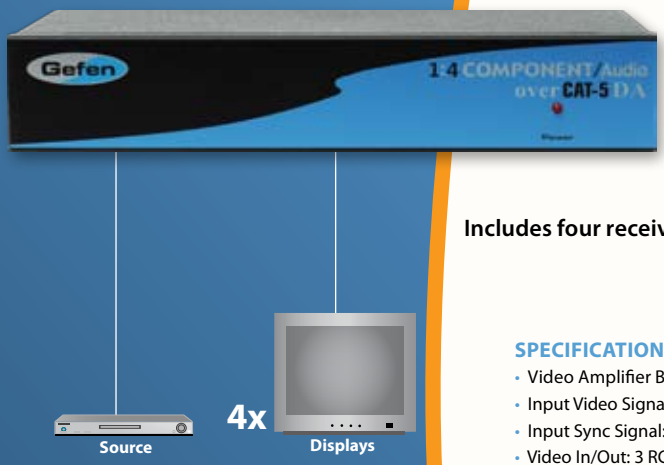
- Full rack width, 2U tall
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connector: Type A 19 pin female
- Remote Control Port: RS-232 female, mini-stereo
- Link Connector: RJ-45 shielded
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 4.25 "H x 5.8"D
- Shipping Weight: 15 lbs

EXT-EXT-COMPAUD-CAT5-144

1:4 COMPONENT CAT-5 DISTRIBUTION AMPLIFIER

Extend component video and audio to four remote locations 1000 feet over CAT-5 cable.

HOME THEATER
DIGITAL SIGNAGE
PRO A/V



Includes four receivers (EXT-COMPAUD-DA)

FEATURES:

- Supports up to 1080p component video up to 1000 feet
- Supports analog L+R audio and multichannel digital TOSlink or
- SPDIF audio
- No loss of quality
- Plug and play installation
- Equalizations for different CAT-5 skews
- Rack mountale
- One CAT-5 cable for extension
- Shipping Weight: 3 lbs.

SPECIFICATIONS:

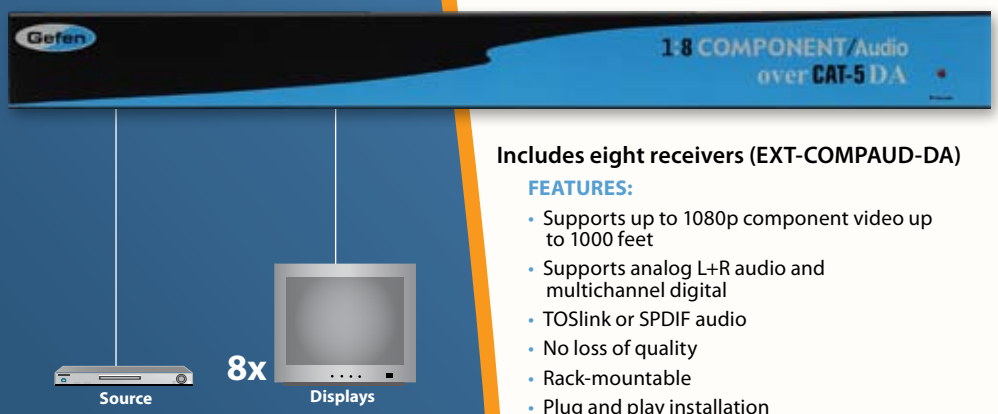
- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In/Out: 3 RCA component
- Audio In/Out: 2 RCA Audio, 1 SPDIF, 1 TOSlink
- Link Connector: RJ-45 shielded
- 1/2 rack width
- Power Supply: 5V DC
- Dimensions: 8.5"W x 1.6"H x 4.25"D

EXT-COMPAUD-CAT5--444

1:8 COMPONENT CAT-5 DISTRIBUTION AMPLIFIER

Extend component video and audio to 8 remote locations 1000 feet over CAT-5.

HOME THEATER
DIGITAL SIGNAGE
PRO A/V



Includes eight receivers (EXT-COMPAUD-DA)

FEATURES:

- Supports up to 1080p component video up to 1000 feet
- Supports analog L+R audio and multichannel digital
- TOSlink or SPDIF audio
- No loss of quality
- Rack-mountable
- Plug and play installation
- Equalizations for different CAT-5 skews
- One CAT-5 cable for extension

SPECIFICATIONS:

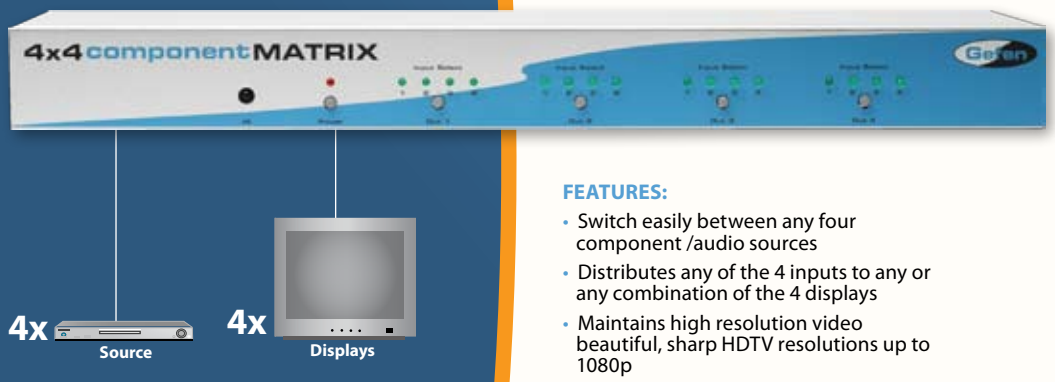
- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In/Out: 3 RCA component
- Audio In/Out: 2 RCA audio, 1 SPDIF, 1 TOSlink
- Link Connector: RJ-45 shielded
- 1/2 rack width
- Power Supply: 5V DC
- Dimensions: 8.5"W x 1.6"H x 4.25"D
- Shipping Weight: 4 lbs.

EXT-COMPAUD-444

4X4 COMPONENT MATRIX

4x component video inputs, 4x component video outputs.

HOME THEATER
PRO A/V



FEATURES:

- Switch easily between any four component /audio sources
- Distributes any of the 4 inputs to any or any combination of the 4 displays
- Maintains high resolution video beautiful, sharp HDTV resolutions up to 1080p
- Discrete IR remote (included)
- Serial RS-232 remote port
- Rack ears included
- Includes local switching from front panel

SPECIFICATIONS:

- Video Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Video In/Out: RCA Component
- Audio In/Out: RCA Stereo
- Remote Control Port: RS-232 female, mini stereo
- Power Supply: 12V DC
- Power Consumption: 36 Watts (max.)
- Dimensions: 17"W x 1.75"H x 5.875"D
- Shipping Weight: 10 lbs.

1:3 COMPONENT AUDIO DISTRIBUTION AMPLIFIER

One component and audio input to three component and audio outputs.

EXT-COMPAUD-143

FEATURES:

- Connects up to three component displays at the same time to one video source
- Connect analog or digital audio to three supporting audio devices
- Support SD(composite, YCbCr) and HDTV (YPbPr, RGsB) input signal
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains high resolution video - beautiful HDTV resolutions up to 1080p are easily achieved
- Connects up to three component displays

SPECIFICATIONS:

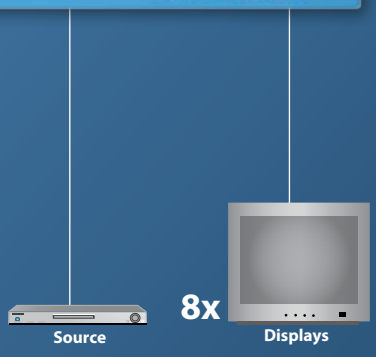
- Input: YPbPr x1 or RGsB x1 (or RGBHV), or composite x3 1 Vp-p@ 75 Ohm
- Output: YPbPr x3, or RGsB (or RGBHV) x3, or composite 3x3
- Audio input: coaxial (S/PDIF) x1 + R/L x1
- Audio output: coaxial (S/PDIF) x3 + R/L x3
- Analog audio input/output: audio 2 Vrms max 47k Ohm
- Video Amplifier Bandwidth: 480MHz (-3dB)
- Video Range: 1080p
- Power Supply: 5V DC
- Dimensions: 5.5"W x 1.5"H x 3.65"D
- Shipping Weight: 3 lbs.
- Power Consumption: 10 Watts (max.)

HOME THEATER

1:8 COMPONENT AUDIO DISTRIBUTION AMPLIFIER

Distribute one source to eight displays.

EXT-COMPAUD-148



FEATURES:

- Connects up to eight component displays at the same time to one video source
- Support SD (composite, YCbCr) and HDTV (YPbPr, RGsB) input signal
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains high resolution video - beautiful HDTV resolutions up to 1080p are easily achieved

SPECIFICATIONS:

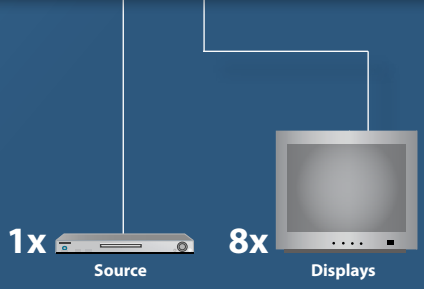
- Input: YPbPr x1 or RGsB x1 (or RGBHV), or composite x3 1 Vp- p@75 Ohm
- Output: YPbPr x8, or RGsB (or RGBHV) x8, or composite 3x8
- Audio input: coaxial (S/PDIF) x1 + R/L x1
- Audio output: coaxial (S/PDIF) x3+ R/L x3
- Analog audio input/output: Audio 2 Vrms max 47k Ohm
- Video Amplifier Bandwidth:: 480MHz (-3dB)
- Video Range: 1080p
- Power Supply: 5V DC
- Dimensions: 17.5"W x 1.75"H x 6.75"D
- Shipping Weight: 8 lbs.
- Power Consumption: 20 Watts (max.)

HOME THEATER
PRO A/V

1:8 COMPONENT OVER CAT-5 DISTRIBUTION AMPLIFIER*

Distribute one component input to eight component outputs. (No audio support)

EXT-COMP-CAT5-148S



FEATURES:

- Easily distribute one source to eight simultaneous displays
- Extends video signals up to 330 feet over CAT-5e
- Supports component video distribution
- Maintains 1080p resolution video
- Allows eight monitors to be connected to the same video source at the same time
- Rack-mountable

SPECIFICATIONS:

- Video Amplifier Bandwidth:350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15
- Video out: 3 RCA component
- Link Connector: RJ-45 shielded
- Power Supply: 5 V
- Power Consumption: 30 Watts (max.)
- Sender Dimensions: 8.5"W x 1.75"H x 4.5"D
- Receiver Dimensions: 3.75"W x 1.25"H x 2"D
- Shipping Weight: 3 lbs.

HOME THEATER
PRO A/V

*** RECEIVER REQUIRED** **SKU# EXT-COMP-CAT5-148R**

EXT-VGA-142N

1:2 VGA HUB

1 VGA input, 2 VGA output.

COMPUTER AUDIO / VIDEO

FEATURES :

- Connects one VGA source to two VGA monitors or projectors
- Allows two VGA display monitors to be connected at the same time to the same video source
- Maintains highest video resolution up to 1920 x 1200

SPECIFICATIONS:

- VGA Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Power Supply: 5 VDC (external)
- Power Consumption: 10 Watts (max.)
- Dimensions: 5.625"W x 1.125"H x 2.625"D
- Shipping Weight: 2 lbs.

EXT-VGA-145

1:4 VGA HUB

1 VGA input, 4 VGA outputs.

FEATURES :

- Easily distribute one source to four simultaneous displays
- Supports component video distribution
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Allows four monitors to be connected to the same video source at the same time

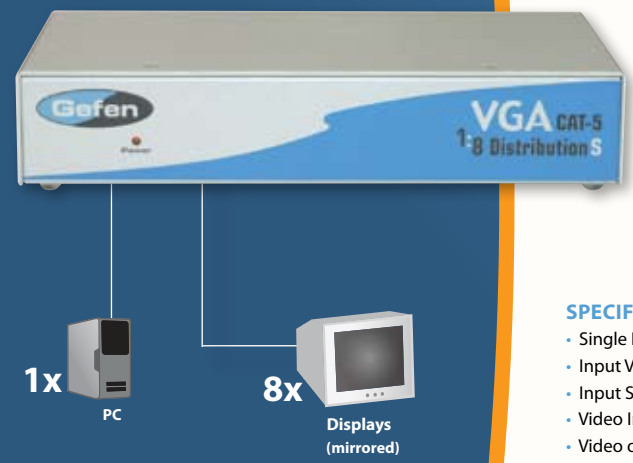
SPECIFICATIONS:

- VGA Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Supports all VESA standard resolutions
- Input VGA Connector: HD-15 male
- Output VGA Connector: HD-15 female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1"H x 5.75"W x 2.5"D
- Shipping Weight: 2 lbs.

EXT-VGA-CAT5-148S

1:8 VGA CAT-5 DISTRIBUTION AMPLIFIER*

Distribute one VGA input to 8 outputs over CAT-5e cables.



FEATURES :

- Easily distribute one source to eight simultaneous displays
- Extends video signals up to 330 feet over CAT-5e
- Supports component video distribution
- Maintains up to 1920 x 1200 resolution video
- Allows four monitors to be connected to the same video source at the same time
- Rack-mountable

COMPUTER AUDIO / VIDEO
HOME THEATER
DIGITAL SIGNAGE
PRO A/V

SPECIFICATIONS:

- Single Link Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: HD-15 male
- Video out: HD-15 female
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 30 Watts (max)
- Sender Dimensions: 8.5"W x 1.75"H x 4.5"D
- Receiver Dimensions: 1"W x 1"H x 4"D
- Shipping Weight: 4 lbs.

*** RECEIVER REQUIRED SKU# EXT-VGA-CAT-5-148R**

EXT-DVI-148

1:8 DVI DISTRIBUTION AMPLIFIER

1x DVI input, 8x DVI outputs.

FEATURES :

- Connects computers with DVI graphics to multiple DVI compatible monitors or projectors
- Connects a HDTV source to multiple DVI compatible displays
- Allows simultaneous display
- Maintains 480p, 720p, 1080i, and 1080p resolutions
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Supports DDWG standard for DVI monitors
- HDCP compliant
- Includes rack ears

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 1.75"H x 7.25"D
- Rack-mountable: 1U rack space
- Shipping Weight: 6 lbs.

COMPUTER AUDIO / VIDEO
HOME THEATER
DIGITAL SIGNAGE
PRO A/V

2:8 DVI DISTRIBUTION AMPLIFIER

Switch between two DVI sources to 8x DVI outputs (mirrored)

EXT-DVI-248

FEATURES :

- Easily switch between two sources to eight simultaneous displays
- Connects computers with DVI graphics to multiple DVI compatible monitors or projectors
- Connects a HDTV source to multiple DVI compatible displays or projectors
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Supports DDWG standard for DVI monitors
- Uplink port for easy expansion
- RS-2323 remote switching
- Rack ears included
- HDCP compliant

COMPUTER AUDIO / VIDEO
HOME THEATER
DIGITAL SIGNAGE
PRO A/V

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- DVI Connectors: DVI-I 29 pin female (digital only)
- Remote port: DB9 RS-232
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 1.75"H x 7.25"D
- Rack-mountable: 1U rack space
- Shipping Weight: 6 lbs.

1:4 HD-SDI DISTRIBUTION AMPLIFIER

Distribute one HD-SDI source to four HD-SDI displays.

DIGITAL SIGNAGE
PRO A/V

EXT-HDSDI-144N

FEATURES :

- Easily distribute one HD-SDI source to four HD-SDI displays
- Streamlines equipment as unnecessary hardware is eliminated
- Distributes video instantaneously
- Rack-mountable

SPECIFICATIONS:

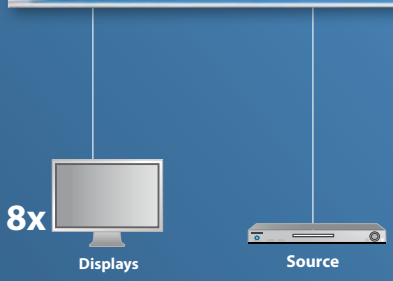
- Input/Output: SDI - SMPTE 259M-C (270Mbps);HD-SDI -SMPTE 292M (1.485, 1.485/1.001 Gbps)
- Supports NTSC, PAL & and all HD formats
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 7.5"W x 1.1"H x 3.5"D
- Shipping Weight: 2 lbs.

1:8 HDMI DISTRIBUTION AMPLIFIER

EXT-HDMI-148

Distribute one HDMI™ source up to eight displays using HDMI™.

HOME THEATER
PRO A/V



FEATURES :

- Connects up to eight HDMI™/DVI displays at the same time to one HDMI™ source
- Allows simultaneous display
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- HDMI™ compliant
- HDCP compliant
- Rack-mountable

SPECIFICATIONS:

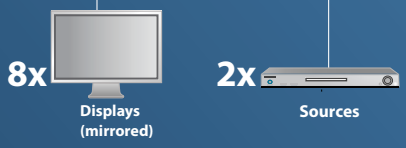
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 1.75"H x 5.5"D
- Rack-mountable: 1U rack space
- Shipping Weight: 5 lbs.

2:8 HDMI DISTRIBUTION AMPLIFIER

EXT-HDMI-248

Switch between two HDMI™ sources to eight displays using HDMI™ (mirrored).

HOME THEATER
DIGITAL SIGNAGE
PRO A/V



FEATURES :

- Switch easily between any two HDMI™/DVI sources
- Eight outputs are mirrored to eight HDMI™/DVI displays simultaneously
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- Discrete IR remote (included)
- Serial RS-232 remote port
- HDMI™ compliant
- HDCP compliant
- Includes rack ears

SPECIFICATIONS:

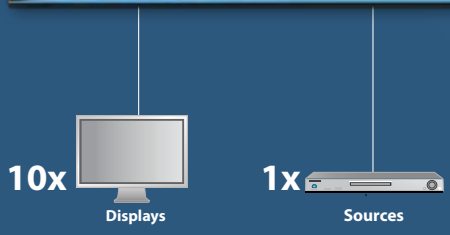
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- Control Port: RJ-11 female
- HDMI™ Connectors: Type A 19 pin female
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 1.75"H x 5.5"D
- Rack-mountable: 1U rack space

1:10 HDMI DISTRIBUTION AMPLIFIER

EXT-HDMI-1410-BLK

Distribute one HDMI™ source to ten displays using HDMI™.

HOME THEATER
DIGITAL SIGNAGE
PRO A/V



FEATURES :

- Connects up to ten HDMI™/DVI displays at the same time to one video source
- Allows simultaneous display
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- HDMI™ and HDCP compliant
- Rack-mountable

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connectors: Type A 19 pin female
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 17"W x 1.75"H x 5.5"D
- Rack-mountable: 1U rack space
- Shipping Weight: 5 lbs.

1:10 DISTRIBUTION FOR HDMI 1.3a

Distribute one HDMI™ 1.3 source to ten HDMI™ displays supporting deep color.

HOME THEATER
DIGITAL SIGNAGE
PRO A/V

EXT-HDMI1.3-1410-SIL

FEATURES :

- HDMI™ 1.3 supports 10.2 Gbps bandwidth, high frame rates, deep color, lip sync, broader xvYCC color space, lossless audio formats
- Connects up to ten HDMI™/DVI displays at the same time to one video source
- Allows simultaneous display
- Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, and computer resolutions up to 1920 x 1200 are easily achieved
- HDMI™ and HDCP compliant
- Rack-mountable

SPECIFICATIONS:

- Single Link Bandwidth: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Single Link Range: 1080p/1920 x 1200
- HDMI™ Connector: Type A 19 pin female
- Pass through: lipsync, deep color, XV color space
- Supports Dolby true HD & Dolby Master
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 17"W x 1.75"H x 5.5"D
- Rack-mountable: 1U rack space
- Shipping Weight: 6 lbs.

DVI DETECTIVE

An accessory for Gefen switchers that stores EDID to eliminate the need to reboot for instant switching.

COMPUTER AUDIO / VIDEO

EXT-DVI-EDIDN

FEATURES :

- Store EDID information for displays
- Use in conjunction with Gefen DVI extenders to eliminate the need for DDC CAT-5 lines in computer systems
- Keeps computer systems form deactivating inactive DVI ports
- No power required after initial programming
- Additional button for programming
- Additional switch for locking

SPECIFICATIONS:

- DVI Connectors: DVI-I 29 pin female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2.7"W x 1.5"H x 2"D
- Shipping Weight: 1 lb.

DVI DETECTIVE PLUS

An accessory for Gefen switchers that stores EDID to eliminate the need to reboot for instant switching.

COMPUTER AUDIO / VIDEO

EXT-DVI-EDIDP

FEATURES :

- Store EDID information for displays
- Use in conjunction with Gefen DVI extenders to eliminate the need for DDC CAT-5 lines in computer systems
- Keeps computer systems from deactivating inactive DVI ports
- No power required after initial programming
- Additional button for programming
- Additional switch for locking
- Additional common onboard HDTV EDID (720p, 1080i, 1080p, +2ch & 8ch audio)
- HDCP pass-.through, for use with HDCP sources

SPECIFICATIONS:

- DVI Connectors: DVI-I 29 pin female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2.7"W x 1.5"H x 2"D
- Shipping Weight: 1 lb.

EXT-DVI-2-VGA

DVI TO VGA CONVERSION BOX

Converts DVI-D to VGA.

COMPUTER AUDIO / VIDEO

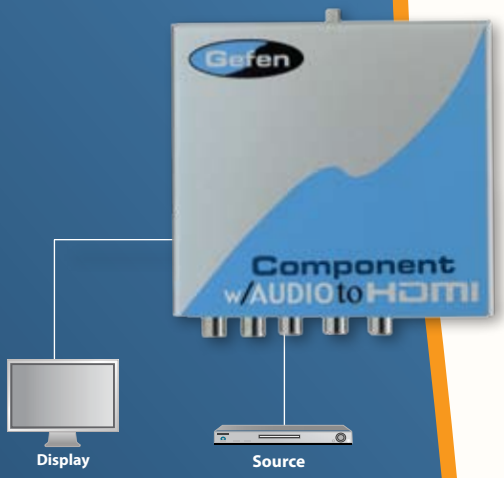
FEATURES :

- Connects computers with DVI-D connectors to analog monitors or projectors
- Maintains up to 1920 x 1200 x 60Hz resolution
- Supports DDWG standard for DVI monitors

SPECIFICATIONS:

- DVI Bandwidth: 165 MHz
- VGA Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female (digital only)
- VGA Connector: Type HD-15 female
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 2.75"W x 1"H x 4.5"D
- Shipping Weight: 2 lbs.

EXT-COMPAUD-2-HDMIN



COMPONENT WITH AUDIO TO HDMI ADAPTER

Converts component video and analog audio to HDMI™.

HOME THEATER
COMPUTER AUDIO / VIDEO

FEATURES:

- Allows you to connect YPbPr HDTV sources to an HDMI™ display
- Encodes analog audio onto the video signal for HDMI™ video and audio
- Easily switch between PC/RGBHV or HDTV/YPbPr
- Supports computer resolutions up to 1920 x 1200 at 60Hz
- Supports HDTV resolution up to 1080p

SPECIFICATIONS:

- HDMI™ Single Link Bandwidth: 165 MHz
- Component Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A (19 pin) female
- Component Connector: 3 RCAs (R, G, B)
- Audio Connector: analog RCA L+R
- Power Consumption: 10 Watts (max)
- Power Supply: 5V DC
- Dimensions: 4 W x 1" H x 4" D
- Shipping Weight: 3 lbs.

EXT-COMPAUD-2-HDMID

COMPONENT WITH DIGITAL AUDIO TO HDMI ADAPTER

Converts component video and digital audio to HDMI™.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

FEATURES :

- Allows you to connect YPbPr HDTV sources to an HDMI™ display
- Encodes digital audio onto the video signal for HDMI™ video and audio
- Easily switch between PC/RGBHV or HDTV/YPbPr
- Supports computer resolutions up to 1920 x 1200 at 60Hz
- Supports HDTV resolution up to 1080p
- HDMI™ compliant

SPECIFICATIONS:

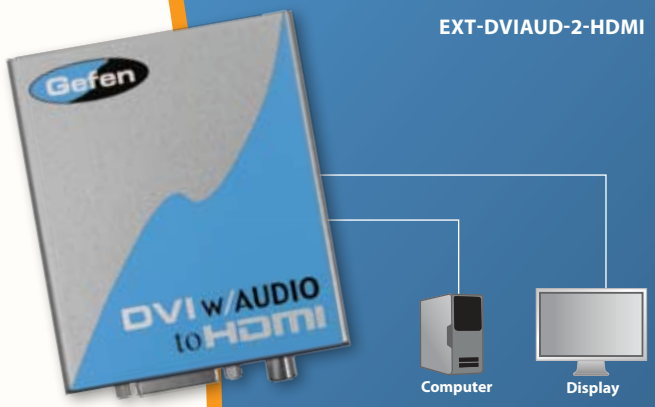
- HDMI™ Single Link Bandwidth: 165 MHz
- Component Amplifier Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A (19 pin) female
- Component Connector: RCA (R, G, B)
- Audio Connector: TOSlink
- Power Consumption: 10 Watts (max)
- Power Supply: 5V DC
- Dimensions: 4"W x 1"H x 4"D
- Shipping Weight: 2 lbs.

DVI WITH AUDIO TO HDMI ADAPTER

Converts DVI and a digital audio source to HDMI™.

HOME THEATER
COMPUTER AUDIO / VIDEO

EXT-DVIAUD-2-HDMI



FEATURES:

- Allows you to connect computers with DVI output and SPDIF to an HDMI™ display
- Embeds digital audio onto the HDMI™ signal for full HDMI™ support
- Supports computer resolutions up to 1920 x 1200 at 60Hz
- Supports resolutions to 1080p
- HDCP pass-through

SPECIFICATIONS:

- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A (19 pin) female
- DVI Connector: DVI-I (29 pin) female (digital only)
- Audio Connector: SPDIF
- Power Consumption: 10 Watts (max)
- Power Supply: 5V DC
- Dimensions: 5" W x 1" H x 4" D
- Shipping Weight: 2 lbs.

HDMI TO DVI AND AUDIO ADAPTER

Connect your HDMI™ to convert it to DVI and digital audio.

HOME THEATER
COMPUTER AUDIO / VIDEO

EXT-HDMI-2-DVIAUD

FEATURES:

- Allows you to connect HDMI™ outputs to a DVI display and audio receiver
- Splits digital audio and DVI signal from HDMI™
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- HDCP pass-through

SPECIFICATIONS:

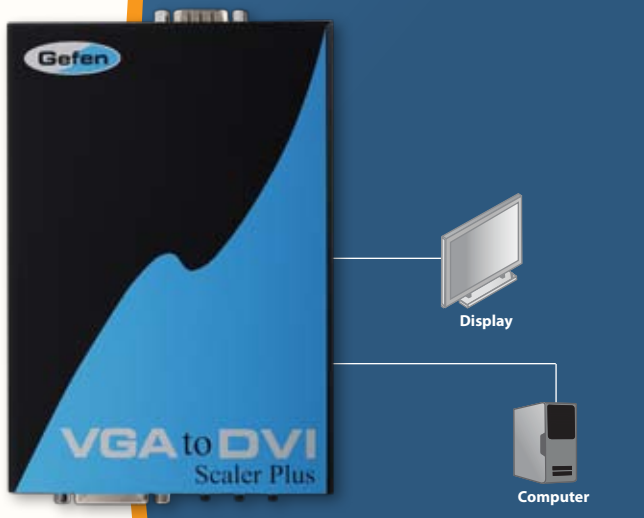
- Single Link Bandwidth: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI™ Connector: Type A (19 pin) female
- DVI Connector: DVI-I (29 pin) female (digital only)
- Audio Connector: TOSlink
- Power Consumption: 10 Watts (max)
- Power Supply: 5V DC
- Dimensions: 6" W x 1" H x 4" D
- Shipping Weight: 1 lb.

VGA TO DVI SCALER PLUS

Converts VGA to DVI using a scaler with OSD to select any desired resolution.

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

EXT-VGA-2-DVISP



FEATURES :

- Connects systems with VGA (HD-15) analog video graphics output to DVI or ADC digital monitors or DVI equipped projectors
- Accepts input resolutions up to 1920 x 1200/1080p
- Maintains up to 1920 x 1200 resolution output
- Supports Apple flat panel displays
- Supports DDWG standard for DVI monitors
- Aspect ratio control for native and full view modes

SPECIFICATIONS:

- DVI Single Link Bandwidth: 165 MHz
- VGA Amplifier Bandwidth: 350 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I (29 pin) female
- VGA Connector: HD-15 female
- Power Consumption: 10 Watts (max)
- Power Supply: 5V DC
- Dimensions: 5 "W x 1"H x 3.5"D
- Shipping Weight: 3 lbs.

HD MATE SCALER

Designed to accept component video/audio and DVI / audio inputs and scale to DVI+audio analog or digital sources using DVI output and switching between DVI and component and audio sources while supporting all resolutions to 1080p.

EXT-HDMATE-S

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

SPECIFICATIONS:

- Digital Single Link Bandwidth: 165 MHz
- Component Video Bandwidth: 350 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Input Video Signal: 1.2 Volts p-p
- Single Link Range: 1080p/1920 x 1200
- Input/Output DVI Connector: DVI-I (29 pin) female
- Component Video Connector: 3 RCA
- Digital Audio Connector: optical TOSlink
- Analog Audio Connector: mini-phone stereo 3.5mm
- Power Supply: 5V DC
- Power Consumption: 15 Watts (max)
- Dimensions: 6.875"W x 2.125"H x 6.875"D
- Shipping Weight: 4 lbs.

FEATURES :

- Both digital and analog inputs are format converted and pixel re-scaled through the HD Mate Scaler. It outputs a large range of formats and resolutions that will easily match the native resolution/ format of your display to ensure highest picture quality
- DVI/HDCP compliant input
- 165MHz (Up to UXGA @60Hz)
- Supports digital HD output up to 1080p
- Integrated 8-bit triple-ADC/PLL
- Integrated DVI/HDCP compliant receiver
- High quality scaling engines
- Operates through on-screen OSD menu control and remote control
- Dual 3-D motion video adaptive de-interlacers with smooth low-angle edge
- Automatic 3:2 pull-down & 2:2 pull-down detection and recovery
- High performance frame rate conversion engine.
- The proprietary advanced color engine technology gives: brilliant and fresh color, intensified contrast and details, vivid skin tone, sharp edge, accurate and independent color control
- 3D noise reduction on analog inputs only
- Aspect ratio control
- Less than 1 frame delay ideal for gaming performance
- Digital audio delay to match audio/video timing
- DVI-I input and output accepts both analog and digital video

HOME THEATER SCALER PLUS

Accepts component, composite, S-Video, 2x HDMI™ and is able to switch and scale to HDMI™ output and digital / analog audio with resolution up to 1080p on any HDTV display.

EXT-HOMETSP

HOME THEATER
COMPUTER AUDIO / VIDEO
PRO A/V

SPECIFICATIONS :

- Digital Single Link Bandwidth: 165 MHz
- Component Video Bandwidth: 350 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Input Video Signal: 1.2 Volts p-p
- Single Link Range: 1080p/1920 x 1200
- Analog Video Connector 1: 3 RCA Component
- Analog Video Connector 1: 1 RCA Composite or 1 S-video
- Digital Audio Connector: optical TOSlink and Coax SPDIF
- Analog Audio Connector: 2 RCA
- Power Supply: 5V DC
- Power Consumption: 15 Watts (max)
- Dimensions: 6.875"W x 2.125"H x 6.875"D
- Shipping Weight: 4 lbs.

FEATURES :

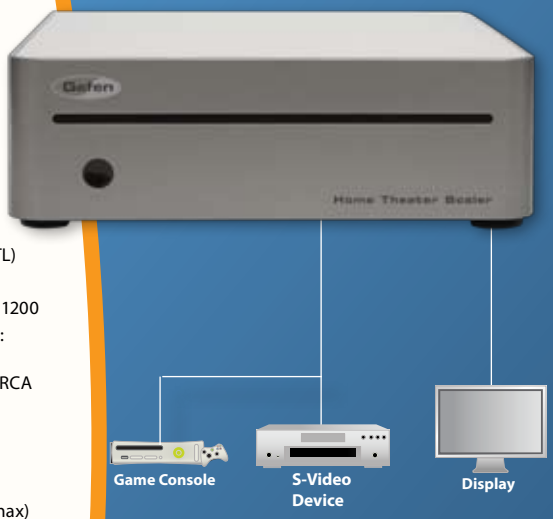
- Both digital and analog inputs are format converted and pixel re-scaled through the Home Theater Scaler Plus. It outputs a large range of formats and resolutions that will easily match the native resolution/ format of your display to ensure highest picture quality
- DVI/HDCP/HDMI compliant input: Operates up to 165MHz (Up to UXGA @60Hz)
- Supports digital HD output up to 1080p
- Integrated 8-bit triple-ADC/PLL
- Integrated DVI/HDCP/HDMI compliant receiver
- High quality scaling engines
- Operates through on-screen OSD menu control and remote control
- Dual 3-D motion video adaptive de-interlacers with smooth low-angle edge
- Automatic 3:2 pull-down & 2:2 pull-down detection and recovery
- High performance frame rate conversion engine. The proprietary advanced color engine technology gives: brilliant and fresh color, intensified contrast and details, vivid skin tone, sharp edge, accurate and independent color control
- Option to select audio input from HDMI™ or TOSlink/SPDIF audio source
- 3D noise reduction on analog inputs only
- Aspect ratio control
- Less than 1 frame delay ideal for gaming performance
- Digital audio delay to match audio/video timing

HOME THEATER SCALER

Upscale and switch standard definition or high definition component and HDMI™ sources to resolutions up to 1080p.

PRO A/V
HOME THEATER

EXT-HOMETS



FEATURES :

- Both digital and analog inputs are format converted and pixel re-scaled through the Home Theater Scaler. It outputs a large range of formats and resolutions that will easily match your native resolution/ format to ensure highest picture quality.
- Proprietary Advanced Color Engine technology
- Dual high quality scaling engines plus 3-D motion video adaptive de-interlacers with smooth low-angle edge
- Automatic 3:2 pull-down & 2:2 pull-down detection and recovery.
- Operates through on-screen OSD menu control and remote control.
- Integrated 8-bit triple-ADC/PLL/DVI/HDCP/HDMI compliant receiver
- Option to select Audio input from HDMI™ or TOSlink/SPDIF audio source
- High performance frame rate conversion engine.
- DVI/HDCP/HDMI compliant input: Operates up to 165MHz (Up to UXGA @60Hz)
- 3D noise reduction on analog inputs only
- Digital Audio Delay to match audio/video timing
- Less than one frame delay allowing for gaming
- Aspect ratio control
- Rack-mountable

SPECIFICATIONS

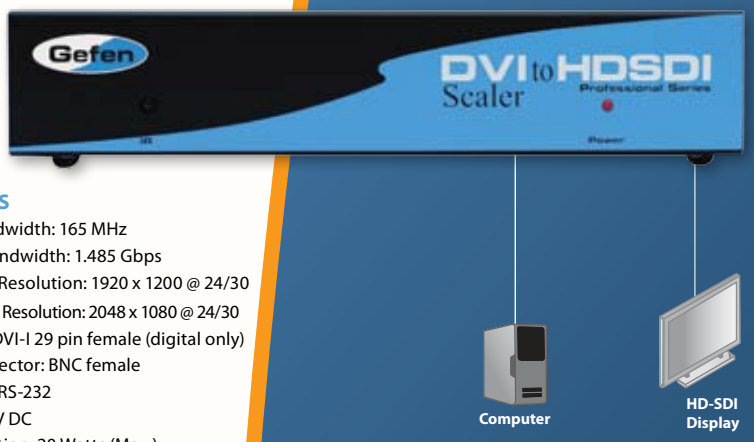
- Digital Video Amplifier Bandwidth: 165 MHz
- Component Video Bandwidth: 350 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Input Video Signal: 1.2 Volts p-p
- Single Link Range: 1080p/1920 x 1200
- Input/Output HDMI™ Connector: type A 19 pin female
- Component Video Connector: 3 RCA
- Digital Audio Connector: optical TOSlink + Coax SPDIF
- Analog Audio Connector: 2 RCA
- Power Supply: 5V DC
- Power Consumption: 15 Watts (max)
- Dimensions: 6.875"W x 2.125"H x 6.875"D
- Shipping Weight: 4 lbs.

DVI TO HD-SDI SCALER

Takes DVI and converts it to HD-SDI.

PRO A/V
HOME THEATER

EXT-DVI-2-HDSDISSL



FEATURES:

- 10-bit resolution for greater precision and dynamic range
- Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD / SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame conversion to/from any refresh rate
- Pattern mode w/ color bars & cross-hatch patterns
- Color correction/detail enhancement
- Gamma selection
- Aspect ratio select
- French/English menu set
- RS-232 for upgradable firmware or for IR control
- Genlock capable
- Rack-mountable

SPECIFICATIONS

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 1.485 Gbps
- Maximum Input Resolution: 1920 x 1200 @ 24/30
- Maximum Output Resolution: 2048 x 1080 @ 24/30
- DVI Connector: DVI-I 29 pin female (digital only)
- SDI/HDSDI Connector: BNC female
- Data Port: Serial RS-232
- Power Supply: 5V DC
- Power Consumption: 20 Watts (Max.)
- Dimensions: 6.5"W x 1"H x 6.75"H
- Shipping Weight: 4 lbs.

HD-SDI TO DVI SCALER

Takes HD-SDI input and converts it to DVI.

PRO A/V

EXT-HDSDI-2-DVISSL

FEATURES:

- Convert and reclock single link HD-SDI to both the HD-SDI output and the DVI output
- 10-bit resolution for greater precision and dynamic range
- Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Fully integrated sprite based multi-plane OSD controller
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Frame conversion to/from any refresh rate
- Pattern mode w/ color bars & cross-hatch patterns
- Color correctio/detail enhancement
- Gamma selection
- Aspect ratio select
- French/English menu set
- RS-232 for upgradable firmware or for IR control
- Genlock capable
- Rack-mountable

SPECIFICATIONS:

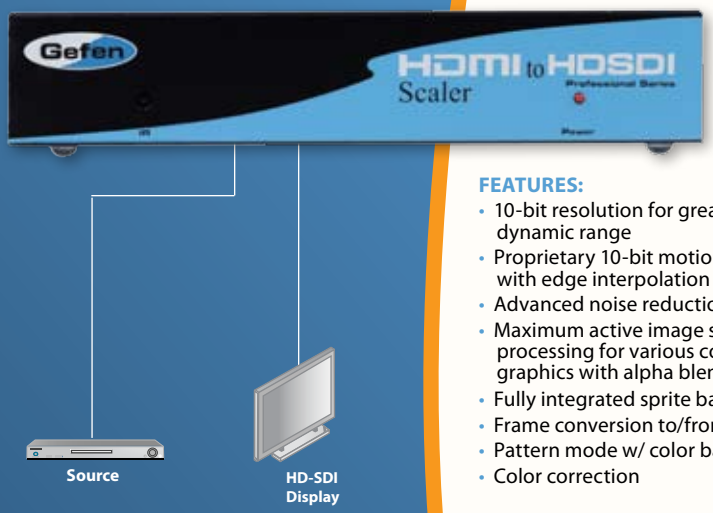
- Input Video Bandwidth: 1.485 Gbps (single link HD-SDI)
- Output Video Bandwidth: 165 MHz (single link DVI-D)
- Maximum Output Resolution: 1920x1200@60Hz
- DVI Connector: DVI-I 29 pin female (digital only)
- SDI/HDSDI Connector: BNC female
- Data Port: Serial RS-232
- Audio Port: 2 channel RCA analog audio
- Rack-mountable
- Power Supply: 5V DC
- Dimensions: 6.5"W x 1.75"H x 6.75"H
- Shipping Weight: 3 lbs.

EXT-HDMI-2-HDSDIS

HDMI TO HD-SDI SCALER

Convert HDMI™ input source to HD-SDI or SDI devices with scaling up to dual link HD-SDI resolutions with audio support.

PRO A/V



FEATURES:

- 10-bit resolution for greater precision and dynamic range
- Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Maximum active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame conversion to/from any refresh rate
- Pattern mode w/ color bars & cross-hatch patterns
- Color correction
- Noise reduction
- Detail enhancement
- Brightness adjustment
- Gamma selection
- Aspect ratio select
- Custom timing output mode
- French/English menu set
- RS-232 upgradable firmware
- RS-232 and/or IR control
- Genlock onboard
- Audio tranferred from HDMI™ to HD-SDI *Audio De-Embedding* (on select models)

SPECIFICATIONS:

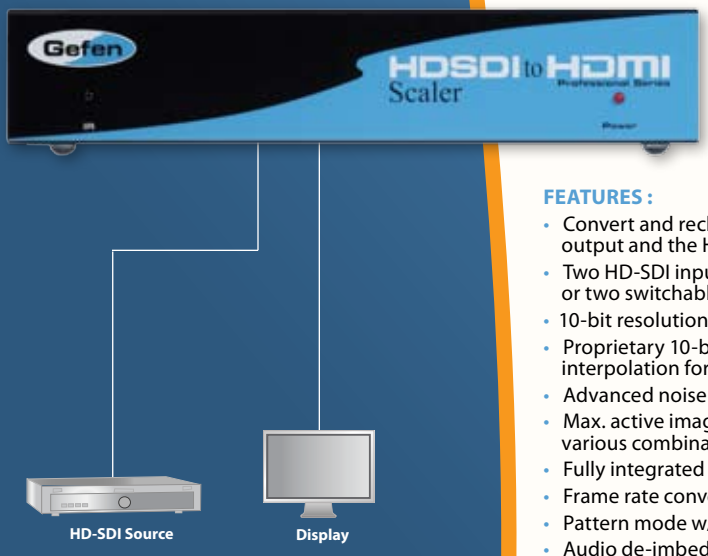
- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2x 1.485 Gbps
- Maximum Input Resolution: 2048x1080
- Maximum Output Resolution: 2048x1080 with dual link HD-SDI
- HDCP compliant
- HDMI™ v1.2 compliant and interoperable
- SDI/HD-SDI Connector: BNC female
- Data Port: Serial RS-232
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max.)
- Dimensions: 6.5"W x 1"H x 6.75"H
- Shipping Weight: 4 lbs.

EXT-HDSDI-2-HDMIS

HD-SDI TO HDMI™ SCALER

Takes HD-SDI or SDI and converts to HDMI™ with scaling up to 1080p.

PRO A/V



FEATURES :

- Convert and reclock dual or single link HD-SDI to both the HD-SDI output and the HDMI™ output
- Two HD-SDI inputs can be used as either one dual link HD-SDI input or two switchable single link HD-SDI inputs
- 10-bit resolution for greater precision and dynamic range
- Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame rate conversion to/from any refresh rate
- Pattern mode w/ color bars & cross-hatch patterns
- Audio de-imbedding
- Color correction
- Noise reduction
- Detail enhancement
- Brightness adjustment
- Gamma selection
- Aspect ratio select
- Custom timing output mode
- French/English menu set
- RS-232 upgradeable firmware
- RS-232 and/or IR control
- Genlock onboard
- Audio tranfer from HD-SDI to HDMI™

SPECIFICATIONS:

- Input Video Bandwidth: 2x 1.485 Gbps (dual link HD-SDI)
- Output Video Bandwidth: 165 MHz (single link DVI-D)
- Maximum Output Resolution: 1920x1200@60Hz
- SDI/HD-SDI Connector: BNC female
- Data Port: Serial RS-232
- Audio Port: SPDIF digital coax
- HDMI™ v1.2 Compliant / HDCP compliant
- Rack-mountable
- Power Supply: 5V DC
- Dimensions: 6.5"W x 1.75"H x 6.75"H
- Shipping Weight: 3 lbs.

DVI TO HD-SDI SCALER PLUS

Takes DVI and converts it to HD-SDI.

Pro A/V

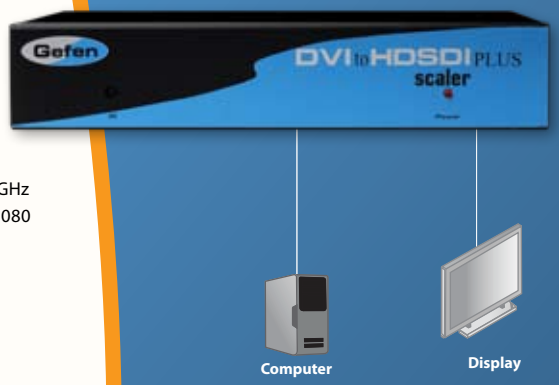
FEATURES:

- 10-bit resolution for greater precision and dynamic range proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller.
- Frame rate conversion to/from any refresh rate
- Pattern mode w/ color bars & cross hatch patterns
- Color correction/detail enhancement
- Noise reduction
- Gamma selection
- Aspect ratio select
- Custom timing output mode
- French/English menu set
- RS-232 upgradeable firmware
- RS-232 and/or IR control
- Genlock
- Rack-mountable

SPECIFICATIONS:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2x 1.485 GHz
- Maximum Input Resolution: 2048x1080
- Maximum Output Resolution: 2048x1080 with Dual Link HD-SDI
- DVI Connector: DVI-I 29 pin female (digital only)
- SDI/HDSDI Connector: BNC female
- Data Port: Serial RS-232
- Power Supply: 5V DC
- Power Consumption: 20 Watts (Max.)
- Dimensions: 8.25"W x 1.75"H x 7.5"D
- Shipping Weight: 4 lbs.

EXT-DVI-2-HDSDISP



HD-SDI TO DVI SCALER PLUS

Takes HD-SDI and converts it to DVI.

Pro A/V

FEATURES:

- 10-bit resolution for greater precision and dynamic range Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller.
- Frame rate conversion to/from any refresh rate
- Pattern mode w/ color bars & cross hatch patterns
- Color correction/detail enhancement
- Noise reduction
- Gamma selection
- Aspect ratio select
- Custom riming output mode
- French/English menu set
- RS-232 upgradeable firmware
- RS-232 and/or IR control
- Genlock
- Rack-mountable

SPECIFICATIONS:

- Input Video Bandwidth: 2x 1.485 GHz (Dual Link HD-SDI)
- Output Video Bandwidth: 165 MHz (Single Link DVI-D)
- Maximum Output Resolution: 1920x1200@60Hz
- Audio Output: 2 channel analog audio
- Rack Mountable
- Power Supply: 5V DC
- Power Consumption: 20 Watts (Max.)
- Shipping Weight: 4 lbs.
- Dimensions: 8.25"W x 1.75"H x 7.5"D

EXT-HDSDI-2-DVISP

DVI TO HD-SDI SCALER PRO

Takes DVI and converts it to HD-SDI.

Pro A/V

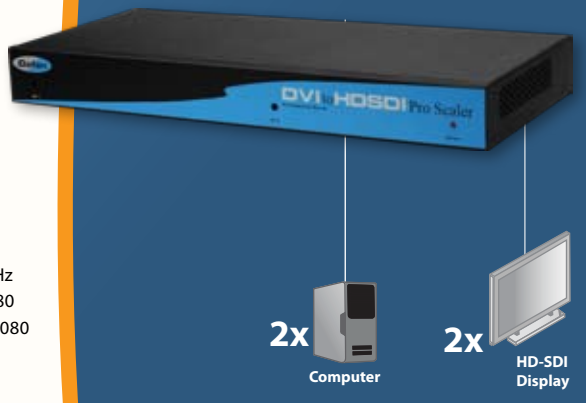
FEATURES:

- 10-bit resolution for greater precision and dynamic range Proprietary 10-bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller.
- Frame rate conversion to/from any refresh rate
- Pattern mode w/ color bars & cross hatch patterns
- Color correction/detail enhancement
- Noise reduction
- Gamma selection
- Aspect ratio select
- Custom timing output mode
- French/English menu set
- RS-232 upgradeable firmware
- RS-232 and/or IR control
- Genlock

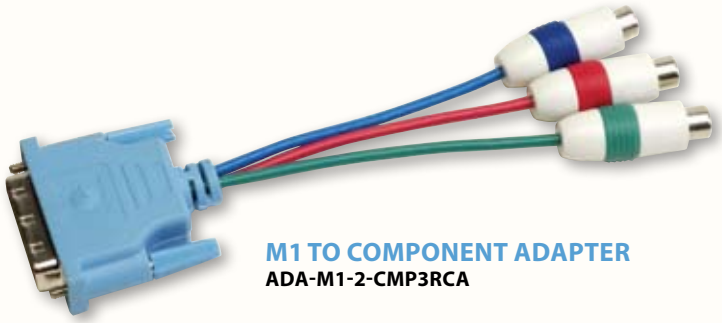
SPECIFICATIONS:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2x 1.485 GHz
- Maximum Input Resolution: 2048x1080
- Maximum Output Resolution: 2048x1080 with Dual Link HD-SDI
- DVI Connector: DVI-I 29 pin female (digital only)
- SDI/HDSDI Connector: BNC female
- Data Port: Serial RS-232
- Power Supply: 5V DC
- Power Consumption: 30 Watts (Max.)
- Dimensions: 8.25"W x 1.75"H x 7.5"D
- Shipping Weight: 4 lbs.

EXT-DVI-2-HDSDIPRO



FIREWIRE 400 FEMALE TO FEMALE ADAPTER
ADA-FW-1394FF



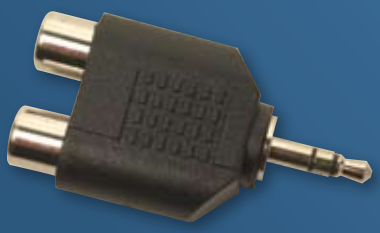
M1 TO COMPONENT ADAPTER
ADA-M1-2-CMP3RCA

M1 TO HDMI™ ADAPTER
m1 male to HDMI™ female
ADA-M1-2-HDMI

DVI TO VGA ADAPTER
HD-15 male to DVI-I female
ADA - DVI - 2 -VGA2

HD-15 female to DVI-I male (not shown)
ADA - DVI - 2 -VGA

USB-A FEMALE TO USB-A FEMALE ADAPTER
ADA-USB-AFF



MINI STEREO TO RCA ADAPTER
ADA-3.5MM-2-RCA

USB-A FEMALE TO USB-B MALE ADAPTER
ADA-USB-AFBM

HDMI TO DVI ADAPTER
HDMI female to DVI female
ADA-HDMIF-2-DVIF

DVI TO HDMI ADAPTER
DVI male to HDMI™ female
ADA-DVIM-2-HDMIF

HDMI MATE
HDMI™ (female-female) adapter

FEATURES :
Easily connect two HDMI™ cables

SPECIFICATIONS:
- HDMI™ Connector: HDMI™ type A 19 pin female, HDMI™ 1.3
- Dimensions: 1.6"W x 1"H x 1.3"D
- Shipping Weight: 1 lb.

ADA-HDMI-MATE

DVI TO DVI AND COMPONENT ADAPTER
DVI-I male to DVI-I female and 3 female RCA

ADA - DVI - 2 - DVICMP

DVI TO DVI AND RGBHV
DVI-I male to DVI-I female and 3 female BNC
ADA - DVI - 2 - DVIRGBHV

VGA TO RGBHV ADAPTER
ADA-VGA-2-RGBHV

DVI TO DVI AND VGA
ADA - DVI - 2 - DVIVGA

ADA - DVI - FF

DVI MATE
DVI (FEMALE-FEMALE) ADAPTER

FEATURES :
- Easily connect two DVI cables together

SPECIFICATIONS:
- DVI Connector: DVI-I 29 pin female
- Dimensions: 1.7"W x 1"H x .7"D
- Shipping Weight: 1 lb.

HDMI TO DVI ADAPTER
HDMI female to DVI female

ADA-HDMI-2-DVI

HDMI TO DVI ADAPTER

HDMI™ male to DVI female

ADA-HDMIM-2-DVIF

HDMI TO DVI RIGHT ADAPTER

HDMI™ male to DVI female

ADA-HDMIM-2-DVIFR

HDMI TO DVI LEFT ADAPTER

HDMI™ male to DVI female

ADA-HDMIM-2-DVIFL

VGA FEMALE TO FEMALE

Provides a simple, economical adaption from VGA male cable end to a female end.

ADA-VGA-FF

VGA MALE TO MALE ADAPTER

Provides a simple, economical adaption from VGA female cable end to a male end.

ADA-VGA-MM

VGA MALE TO FEMALE ADAPTER

Provides a simple, economical way to extend a VGA cable. This adapter will connect a female cable to a male cable.

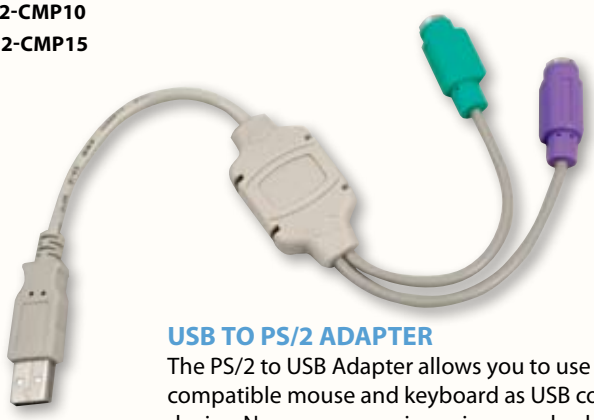
ADA-VGA-MF

VGA TO COMPONENT

6 FT - CAB-VGA-2-CMP06

10 FT -CAB-VGA-2-CMP10

15 FT - CAB-VGA-2-CMP15



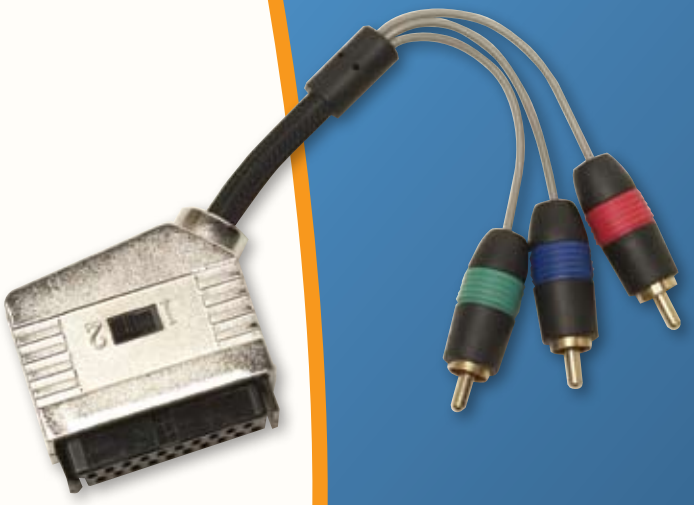
USB TO PS/2 ADAPTER

The PS/2 to USB Adapter allows you to use your PS/2 compatible mouse and keyboard as USB compatible device. Now you can enjoy using your keyboard and mouse connected to the PS/2 to USB Adapter as an USB compatible device.

ADA-USB-PS2

SCART MALE TO COMPONENT FEMALE ADAPTER

ADA-SCART-2-CMP-MF



SCART FEMALE TO COMPONENT MALE ADAPTER

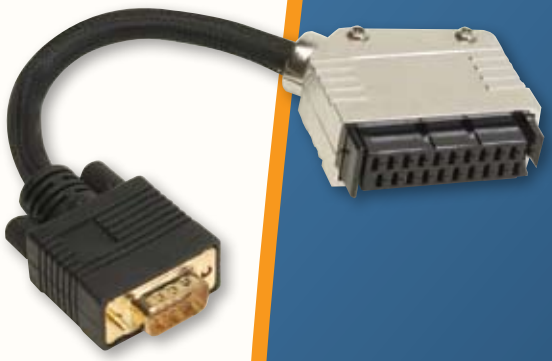
ADA-SCART-2-CMP

SCART TO COMPOSITE ADAPTER

ADA-SCART-2-COMPOSITE

SCART TO M1A ADAPTER

ADA-SCART-2-M1A



SCART TO VGA ADAPTER

ADA-SCART-2-VGA

SCART TO S-VIDEO

ADA-SCART-2-SVID

SCART TO DVI ADAPTER

ADA-SCART-2-DVI-A

WP- HDMI™ - DVI

DVI/HDMI COMBO WALLPLATE

The HDMI™/DVI Combo wallplate allows you to terminate HDMI™ and DVI connectors at the wall for in-wall installation. The HDMI™/DVI Combo wallplate is made to fit into a standard U.S. wall mount hole, similar to an AC outlet or light switch. Their practical design makes these wallplates an ideal solution for HDMI™ and DVI cable extensions for home or business location.

SPECIFICATIONS:

- HDMI™ Input/Output Connector: Type A 19pin
- DVI Input/Output Connector: DVI-I 29 pin female
- Dimensions: 2.75 inches x 4.5 inches

Allows you to terminate DVI/HDMI connectors at the wall for in-wall installation.

WP-HDMI

HDMI WALLPLATE

The HDMI™ wallplate allows you to terminate HDMI™ connector at the wall for in-wall installation. The HDMI™ wallplate is made to fit into a standard U.S. wall mount hole, similar to an AC outlet or light switch. Their practical design makes these wallplates an ideal solution for HDMI™ cable extensions for home or business location.

SPECIFICATIONS:

- HDMI™ Input/Output Connector: Type A 19 pin
- Dimensions: 2.75 inches x 4.5 inches

Allows you to terminate DVI/HDMI connectors at the wall for in-wall installation.

WP-HDMI-RA

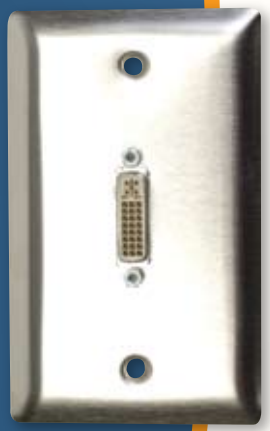
HDMI RIGHT ANGLE WALLPLATE

The HDMI™ Wallplate allows you to terminate an HDMI™ connector at the wall for in-wall installation. The HDMI™ Wallplate is made to fit into a standard US wall mount hole, similar to an AC outlet or light switch. Their practical design makes these wallplates an ideal solution for HDMI™ cable extensions for home or business location. HDMI™ connector included.

SPECIFICATIONS:

- HDMI™ Input/Output Connector: Type A 19 pin
- Dimensions: 2.75"W x 4.5"
- Allows you to terminate HDMI™ connectors at the wall for in-wall installation.

WP-DVI



DVI WALLPLATE

The DVI wallplate allows you to terminate DVI connector at the wall for in-wall installation. The DVI wallplate is made to fit into a standard U.S. wall mount hole, similar to an AC outlet or light switch. Their practical design makes these wallplates an ideal solution for DVI cable extensions for home or business location. DVI connector included.

SPECIFICATIONS:

- DVI Input/Output Connector: DVI-I 29 pin female
- Dimensions: 2.75 inches x 4.5 inches

Allows you to terminate DVI/HDMI connectors at the wall for in-wall installation.

RACKS

Rackmount your Gefen products.

EXT- RACK -2U CAT-5-RACK (2U)

EXT- RACK - 1U CAT-5 RACK(1U)

4X4 MATRIX RMT REMOTE

Control your 4x4 Matrix switcher from 1000 feet away.

- Switch video wirelessly via Infra-Red using the RMT4-IR
- RS-232 port allows a remote computer or device to control switching
- Includes 10 foot CAT-5 Cable

FOR USE WI TH:

4x4 HDTV Matrix
4x4 DVI Matrix

EXT-RMT-MATRIX-444

CAT-5 TO SERIAL REMOTE INTERFACE

EXT-RMT-2-CAT5

The CAT-5 to Serial Remote hub allows you to control 4x4 Matrix switchers from 4 separate locations.

FOR USE WI TH:

4x4 Matrix Switchers

GEFEN IR EXTENDER

Relocate the IR on Gefen products.
Relocate your HDTV switcher 6 feet away with the Gefen IR Extender.

FOR USE WI TH:

2x1 HDMI™ Switcher
2x2 HDMI™ Switcher
3x1 HDMI™ Switcher
4x1 HDMI™ Switcher
4x2 HDMI™ Switcher
6x2 HDMI™ Switcher
4x4 HDMI™ Matrix
2x1 HDTV Switcher
4x1 DVI Switcher
8x1 DVI Switcher
2x1 Digital Audio Switcher

EXT-RMT-EXTIR

RMT 2 REMOTE CONTROL

Controls your switcher from a distance.

EXT-RMT-2
The RMT-2 remote lets you control your 2 port switchers while hiding the switcher unit. Uses a mini stereo cable to connect to the switcher. (Includes a 10 foot cable)

FOR USE WITH:

2x1 DVI KVM
2x1 DVI SL
2x1 DVI DL
2x1 USB Switcher

EXT-RMT-4

RMT 4 REMOTE CONTROL

The RMT-4 remote lets you control your KVM switcher from a distance.

- The RMT-4 requires a shielded CAT-5 cable to provide grounding.
- Includes 10 foot shielded CAT-5 cable.

FOR USE WI TH:

4x4 HDTV Matrix
4X4 DVI Matrix
4X1 DVI/ADC Switcher
4X2 DVI Switcher
4x1 DVI DL Switcher
1x4 DVI Monitor Switcher
4x1 VGA Switcher

RMT-4 (2 BUTTON) REMOTE CONTROL

Controls your switcher from a distance.

FOR USE WI TH:

2x2 DVI Switcher
2x2 VGA Switcher

EXT-RMT-2X2

RMT - 444 MSR

Controls your 4x4 matrix MSR from a distance.

FOR USE WI TH:

4x4 Matrix MSR switchers
HDMI CAT-5 MSR switchers

EXT-RMT-444

EXT-RMT-2IR

RMT 2-IR REMOTE CONTROL

Controls your switcher from a distance.

FOR USE WITH:

2x1 HDMI™ Switcher
2x2 HDMI™ Switcher
2x4 HDMI™ Switcher/Splitter
2x8 HDMI™ DA
2x8 HDTV DA
2x1 Digital Audio
2x1 HDTV Switcher
2x1 DVI SL Switcher
2x1 DVI DL Switcher

EXT-RMT-3IR

RMT 3-IR REMOTE CONTROL

Controls your switcher from a distance.

FOR USE WITH:

3X1 HDMI™ Switcher

EXT-RMT-4IR

RMT 4-IR REMOTE CONTROL

Controls your switcher from a distance.

FOR USE WITH:

4x1 HDMI™ Switcher
4x2 HDMI™ Switcher
4x1 DVI Switcher
4x1 DVI DL Switcher
4x2 DVI Switcher
1x4 Monitor Switcher
4x2 HD-SDI Switcher

EXT-8HDS-IR

RMT 8HDS REMOTE CONTROL

Controls your scaler from a distance.

FOR USE WITH:

HD-SDI to DVI Scaler Box
DVI to HD-SDI Scaler Box

EXT-SDPVR-IR

SD-PVR REMOTE CONTROL

Controls your PVR from a distance.

FOR USE WITH:

GEFEN SD PERSONAL VIDEO RECORDER

RMT 6-IR REMOTE CONTROL

Controls your switcher from a distance.

FOR USE WITH:

6X2 HDMI™ Switcher

EXT-RMT-6IR

RMT 8-IR REMOTE CONTROL

Controls your switcher from a distance.

FOR USE WITH:

8X1 DVI Switcher

EXT-RMT-8IR

RMT 16-IR REMOTE CONTROL

Controls your switcher from a distance.

FOR USE WITH:

4X4 HDMI™ Matrix
4X4 HDTV Matrix
4X4 DVI Matrix

EXT-RMT-16IR

RMT SR-IR REMOTE CONTROL

Controls your scaler from a distance.

FOR USE WITH:

HD Mate Scaler
Home Theater Scaler
Home Theater Scaler Plus

EXT-RMT-SR-IR

HD-PVR REMOTE CONTROL

Controls your PVR from a distance.

FOR USE WITH:

GEFEN HD PERSONAL VIDEO RECORDER

EXT-HDPVR-IR

HDMI 1.3 CABLES

CAB-HDMI-01MM	HDMI CABLE 1 FT (M-M)
CAB-HDMI-06MM	HDMI CABLE 6 FT (M-M)
CAB-HDMI-10MM	HDMI CABLE 10 FT (M-M)
CAB-HDMI-15MM	HDMI CABLE 15 FT (M-M)
CAB-HDMI-25MM	HDMI CABLE 25 FT (M-M)
CAB-HDMI-30MM	HDMI CABLE 30 FT (M-M)
CAB-HDMI-50MM	HDMI CABLE 50 FT (M-M)

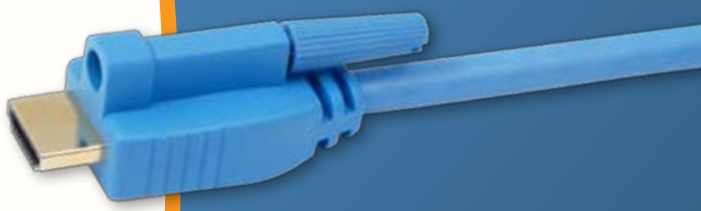
Copper based cables with lengths of 1, 6, 10, 15, 30 and 50 feet. The 1 - 30 feet HDMI™ cables support resolutions up to 1080p. The 50 feet HDMI™ cable support resolutions up to 1080i. These cables are HDCP compliant. With a HDMI™ Booster, the 40 and 50 feet cables are good for resolutions up to 1080p.

Simplay HD™ Verified

LOCKING HDMI CABLES

CAB-HDMI-LCK-RP-06MM	HDMI TO HDMI™ LOCKING CABLE 6 FT (M-M) - RETAIL
CAB-HDMI-LCK-RP-10MM	HDMI TO HDMI™ LOCKING CABLE 10 FT (M-M) - RETAIL
CAB-HDMI-LCK-RP-15MM	HDMI TO HDMI™ LOCKING CABLE 15 FT (M-M) - RETAIL
CAB-HDMI-LCK-RP-30MM	HDMI TO HDMI™ LOCKING CABLE 30 FT (M-M) - RETAIL
CAB-HDMI-LCK-RP-50MM	HDMI TO HDMI™ LOCKING CABLE 50 FT (M-M) - RETAIL

When you need a robust and reliable connection, locking HDMI™ cables are your insurance policy. Due to HDMI™'s small form factor it is prone to signal loss and intermitency in active environments. Locking cables solves this problem entirely, giving you a crystal clear picture you can count on every time. Featured in retail friendly packaging.



HDTV EXTREME CABLES

CAB-HDTV-30MM	HDTV DVI-D Fiber Optic Cable 33 ft (M-M)
CAB-HDTV-50MM	HDTV DVI-D Fiber Optic Cable 50 ft (M-M)
CAB-HDTV-60MM	HDTV DVI-D Fiber Optic Cable 66 ft (M-M)
CAB-HDTV-75MM	HDTV DVI-D Fiber Optic Cable 75 ft (M-M)
CAB-HDTV-100MM	HDTV DVI-D Fiber Optic Cable 100 ft (M-M)
CAB-HDTV-135MM	HDTV DVI-D Fiber Optic Cable 135 ft (M-M)
CAB-HDTV-150MM	HDTV DVI-D Fiber Optic Cable 166 ft (M-M)
CAB-HDTV-210MM	HDTV DVI-D Fiber Optic Cable 210 ft (M-M)
CAB-HDTV-300MM	HDTV DVI-D Fiber Optic Cable 330 ft (M-M)

Fiber Optics based cables that exceed the performances of the copper and silver made cables. An integrated DVI-D cable solution which includes the fiber optics components and the DDC signals built into the cable and the DVI connectors. HDTV Extreme cable and it requires a clearance of 1-1/2" wide conduit, available in lengths from 33-330 feet. These cables are HDCP compliant.

DVI TO HDMI CABLES

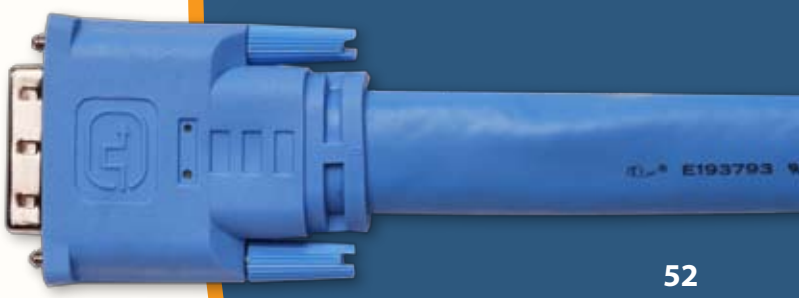
CAB-DVI2HDMI-06MM	DVI TO HDMI™ CABLE 6FT (M-M)
CAB-DVI2HDMI-10MM	DVI TO HDMI™ CABLE 10 FT (M-M)
CAB-DVI2HDMI-15MM	DVI TO HDMI™ CABLE 15FT (M-M)
CAB-DVI2HDMI-30MM	DVI TO HDMI™ CABLE 30 FT (M-M)
CAB-DVI2HDMI-50MM	DVI TO HDMI™ CABLE 50 FT (M-M)

Copper based cables with lengths of 6,10,15,30 and 50 feet. HDMI™ use a much smaller, user-friendly connector than the DVI connector. The specification handles high-bandwidth, uncompressed video and multi-channel digital audio as well, all in one cable. These cables are HDCP compliant.

DUAL LINK DVI DLX CABLES

CAB-DVIC-DLX-60MM	DUAL LINK DVI CABLE 60 FT (M-M)
CAB-DVIC-DLX-100MM	DUAL LINK DVI CABLE 100 FT (M-M)
CAB-DVIC-DLX-130MM	DUAL LINK DVI CABLE 130 FT (M-M)
CAB-DVIC-DLX-160MM	DUAL LINK DVI CABLE 160 FT (M-M)
CAB-DVIC-DLX-200MM	DUAL LINK DVI CABLE 200 FT (M-M)

Copper based DVI Dual Link cables are available in lengths 60, 100, 130, 160 and 200 feet. These cables are HDCP compliant.



DVI FIBER OPTIC - FIBER OPTIC BASED DVI CABLES

CAB-DVIFO-30MM	DVIFO DVI-D FIBER OPTIC CABLE 33 FT (M-M)
CAB-DVIFO-60MM	DVIFO DVI-D FIBER OPTIC CABLE 66 FT (M-M)
CAB-DVIFO-100MM	DVIFO DVI-D FIBER OPTIC CABLE 100 FT (M-M)
CAB-DVIFO-150MM	DVIFO DVI-D FIBER OPTIC CABLE 166 FT (M-M)
CAB-DVIFO-210MM	DVIFO DVI-D FIBER OPTIC CABLE 210 FT (M-M)
CAB-DVIFO-330MM	DVIFO DVI-D FIBER OPTIC CABLE 330 FT (M-M)

Fiber Optics based cables that exceed the performances of the copper and silver made cables. An integrated DVI-D cable solution which includes the fiber optics components built into the cable and the DVI connectors. DVI Fiber Optic cable requires a clearance of 1-1/2" wide conduit. Available in lengths of 33-1500* feet. These cables are for computer use only.

*FOR CABLES OVER 330 FEET. PLEASE CALL US FOR PRICING AND AVAILABILITY.

FIREWIRE CABLES

CAB-FW-6B	FIREWIRE 800 6 FT (M-M)
CAB-FW-15B	FIREWIRE 800 15 FT (M-M)
CAB-FW-33B	FIREWIRE 800 33 FT (M-M)
CAB-FW-6	FIREWIRE 400 6 FT (M-M)
CAB-FW-15	FIREWIRE 400 15 FT (M-M)
CAB-FW-33	FIREWIRE 400 33 FT (M-M)
CAB-FW-9266	FIREWIRE 800 TO 400 6 FT (M-M)
CAB-FW-92615	FIREWIRE 800 TO 400 15 FT (M-M)
CAB-FW-92633	FIREWIRE 800 TO 400 33 FT (M-M)
CAB-FW-624	FIREWIRE 6 PIN TO 4 PIN 6 FT (M-M)

CAT-5 CABLES

CAB-CAT5-025	CAT5 25 FT CABLE
CAB-CAT5-050	CAT5 50 FT CABLE
CAB-CAT5-075	CAT5 75 FT CABLE
CAB-CAT5-100	CAT5 100 FT CABLE
CAB-CAT5-150	CAT5 150 FT CABLE
CAB-CAT5-200	CAT5 200 FT CABLE
CAB-CAT5-250	CAT5 250 FT CABLE
CAB-CAT5-300	CAT5 300 FT CABLE

SHIELDED CAT-5 CABLES

CAB-CAT-5S-010	SHIELDED CAT5 10 FT CABLE
CAB-CAT-5S-025	SHIELDED CAT5 25 FT CABLE
CAB-CAT-5S-030	SHIELDED CAT5 30 FT CABLE
CAB-CAT-5S-050	SHIELDED CAT5 50 FT CABLE
CAB-CAT-5S-075	SHIELDED CAT5 75 FT CABLE
CAB-CAT-5S-100	SHIELDED CAT5 100 FT CABLE
CAB-CAT-5S-150	SHIELDED CAT5 150 FT CABLE
CAB-CAT-5S-200	SHIELDED CAT5 200 FT CABLE
CAB-CAT-5S-250	SHIELDED CAT5 250 FT CABLE
CAB-CAT-5S-300	SHIELDED CAT5 300 FT CABLE

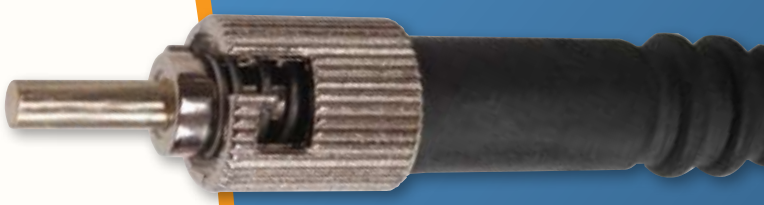
PS/2 CABLES

CAB-PS2-6MF	PS/2 6 FT CABLE (M-F)
CAB-PS2-6MM	PS/2 6 FT CABLE (M-M)
CAB-PS2-10MF	PS/2 10 FT CABLE (M-F)
CAB-PS2-15MF	PS/2 15 FT CABLE (M-F)
CAB-PS2-15MM	PS/2 15 FT CABLE (M-M)
CAB-PS2-25MF	PS/2 25 FT CABLE (M-F)
CAB-PS2-25MM	PS/2 25 FT CABLE (M-M)
CAB-PS2-50MF	PS/2 50 FT CABLE (M-F)
CAB-PS2-50MM	PS/2 50 FT CABLE (M-M)

FIBER OPTIC CABLES

4 STRAND ST

CAB-ST-0030	4 STRAND ST FIBER OPTIC LINK - 33FT CABLE
CAB-ST-0060	4 STRAND ST FIBER OPTIC LINK - 66 FT CABLE
CAB-ST-0100	4 STRAND ST FIBER OPTIC LINK - 100 FT CABLE
CAB-ST-0150	4 STRAND ST FIBER OPTIC LINK - 150 FT CABLE
CAB-ST-0200	4 STRAND ST FIBER OPTIC LINK - 200 FT CABLE
CAB-ST-0300	4 STRAND ST FIBER OPTIC LINK - 300 FT CABLE
CAB-ST-0600	4 STRAND ST FIBER OPTIC LINK - 600 FT CABLE
CAB-ST-1000	4 STRAND ST FIBER OPTIC LINK - 1000 FT CABLE

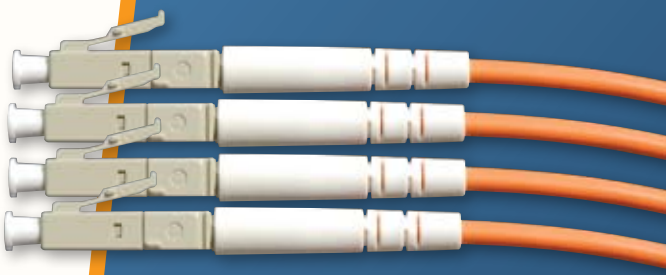


8 STRAND LC- LC

CAB-8LC-30	8 STRAND LC-LC FIBER OPTIC LINK - 30 FT CABLE
CAB-8LC-60	8 STRAND LC-LC FIBER OPTIC LINK - 60 FT CABLE
CAB-8LC-100	8 STRAND LC-LC FIBER OPTIC LINK - 100 FT CABLE
CAB-8LC-150	8 STRAND LC-LC FIBER OPTIC LINK - 150 FT CABLE
CAB-8LC-300	8 STRAND LC-LC FIBER OPTIC LINK - 300 FT CABLE
CAB-8LC-500	8 STRAND LC-LC FIBER OPTIC LINK - 500 FT CABLE
CAB-8LC-1000	8 STRAND LC-LC FIBER OPTIC LINK - 1000 FT CABLE

4 STRAND LC- LC

CAB-LC-30	4 STRAND LC-LC FIBER OPTIC LINK - 30 FT CABLE
CAB-LC-60	4 STRAND LC-LC FIBER OPTIC LINK - 60 FT CABLE
CAB-LC-100	4 STRAND LC-LC FIBER OPTIC LINK - 100 FT CABLE
CAB-LC-150	4 STRAND LC-LC FIBER OPTIC LINK - 150 FT CABLE
CAB-LC-200	4 STRAND LC-LC FIBER OPTIC LINK - 200 FT CABLE
CAB-LC-300	4 STRAND LC-LC FIBER OPTIC LINK - 300 FT CABLE
CAB-LC-600	4 STRAND LC-LC FIBER OPTIC LINK - 600 FT CABLE
CAB-LC-1000	4 STRAND LC-LC FIBER OPTIC LINK - 1000 FT CABLE



2 STRAND LC- LC

CAB-2LC-30	2 STRAND LC-LC FIBER OPTIC LINK - 30 FT CABLE
CAB-2LC-60	2 STRAND LC-LC FIBER OPTIC LINK - 60 FT CABLE
CAB-2LC-100	2 STRAND LC-LC FIBER OPTIC LINK - 100 FT CABLE
CAB-2LC-150	2 STRAND LC-LC FIBER OPTIC LINK - 166 FT CABLE
CAB-2LC-300	2 STRAND LC-LC FIBER OPTIC LINK - 330 FT CABLE

2 STRAND SC-SC

CAB-2LC-30	2 STRAND LC-LC FIBER OPTIC LINK - 30 FT CABLE
CAB-2LC-60	2 STRAND LC-LC FIBER OPTIC LINK - 60 FT CABLE
CAB-2LC-100	2 STRAND LC-LC FIBER OPTIC LINK - 100 FT CABLE
CAB-2LC-150	2 STRAND LC-LC FIBER OPTIC LINK - 166 FT CABLE
CAB-2LC-300	2 STRAND LC-LC FIBER OPTIC LINK - 330 FT CABLE

1 DUPLEX MTRJ -MTRJ

CAB-MTRJ-25	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 25 FT CABLE
CAB-MTRJ-50	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 50 FT CABLE
CAB-MTRJ-75	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 75 FT CABLE
CAB-MTRJ-100	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 100 FT CABLE
CAB-MTRJ-150	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 150 FT CABLE
CAB-MTRJ-200	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 200 FT CABLE
CAB-MTRJ-250	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 250 FT CABLE
CAB-MTRJ-300	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 300 FT CABLE

VGA CABLES

CAB-VGA-6MM	SVGA-SVGA 6 FT CABLE (M-M)
CAB-VGA-6MF	SVGA-SVGA 6 FT CABLE (M-F)
CAB-VGA-10MM	SVGA-SVGA 10 FT CABLE (M-M)
CAB-VGA-15MF	SVGA-SVGA 15 FT CABLE (M-F)
CAB-VGA-15MM	SVGA-SVGA 15 FT CABLE (M-M)
CAB-VGA-25MF	SVGA-SVGA 25 FT CABLE (M-F)
CAB-VGA-25MM	SVGA-SVGA 25 FT CABLE (M-M)
CAB-VGA-50MF	SVGA-SVGA 50 FT CABLE (M-F)
CAB-VGA-50MM	SVGA-SVGA 50 FT CABLE (M-M)

VGA TO COMPONENT CABLES

VGA (HD-15) to high quality 3 RCA Component cables.

CAB-VGA-2-CMP06	6 FT VGA TO COMPONENT CABLE (M-M)
CAB-VGAF-2-CMP06	6 FT VGA TO COMPONENT CABLE (F-M)
CAB-VGA-2-CMP10	10 FT VGA TO COMPONENT CABLE (M-M)
CAB-VGA-2-CMP15	15 FT VGA TO COMPONENT CABLE (M-M)

VGA TO RBGHV 6 FT CABLE

Gefen VGA to RGBHV cables provide an easy solution for breaking out the individual lines of signal to BNC connectors for easy adapting to displays with BNC inputs.

CAB-VGA-RGB-06	6 FT VGA TO RGBHV CABLE (M-M)

COMPONENT CABLES

High quality 3 RCA Component cables.

CAB-CMP-06MM	6 FT 3 RCA COMPONENT CABLE (M-M)
CAB-CMP-12MM	12 FT 3 RCA COMPONENT CABLE (M-M)
CAB-CMP-15MM	15 FT 3 RCA COMPONENT CABLE (M-M)
CAB-CMP-25MM	25 FT 3 RCA COMPONENT CABLE (M-M)

HIGH QUALITY 5 RCA COMPONENT CABLES

CAB-CMP5RCA-06MM	6 FT 5 RCA COMPONENT CABLE (M-M)
CAB-CMP5RCA-10MM	10 FT 5 RCA COMPONENT CABLE (M-M)
CAB-CMP5RCA-15MM	15 FT 5 RCA COMPONENT CABLE (M-M)
CAB-CMP5RCA-25MM	25 FT 5 RCA COMPONENT CABLE (M-M)

USB ACTIVE CABLES

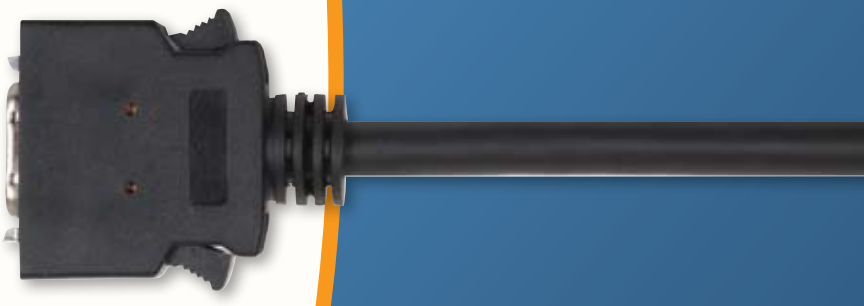
Up to 5 Active extension cables can be linked together to reach a maximum length of 80 feet.

CAB-USB-162	ACTIVE USB 2.0 16 FT EXTENSION CABLE

MDR-20 CABLES

Gefen MDR-20 cables are used to extend AV control boxes away from the display. Typically used in conjunction with a DVI cable, these cables allow high resolution digital video up to 50 feet away. This is the standard cable used with Sharp and Pioneer plasma and LCD sets.

CAB-MDR20-10MM	MDR-20 10 FT CABLE (M-M)
CAB-MDR20-15MM	MDR-20 15 FT CABLE (M-M)
CAB-MDR20-25MM	MDR-20 25 FT CABLE (M-M)
CAB-MDR20-30MM	MDR-20 30 FT CABLE (M-M)
CAB-MDR20-40MM	MDR-20 40 FT CABLE (M-M)
CAB-MDR20-50MM	MDR-20 50 FT CABLE (M-M)



APPLE ACTIVE COMBO EXTENSION CABLES

Extends DVI, FireWire, and USB in one cable.

FEATURES :

- Extends DVI displays such as the 20" and 23" DVI Apple Cinema Displays
- High-quality, multi-shielded wires prevent signal degradation issues
- Uses a DVI Booster for active extension (included)

SPECIFICATIONS:

- Supports resolutions up to 1920 x 1200
- DVI-D connectors (M-F)
- Shipping Weight: 3 lbs.

Available in lengths of 10 feet or 15 feet

This active solution extends the new DVI Apple displays with FireWire and USB up to 15 feet from the computer. Gefen supplies this custom cable as a "plug and play" solution.

EXT-APPLECOMBO-10
EXT-APPLECOMBO-15

DUAL LINK APPLE ACTIVE COMBO EXTENSION CABLES

Extends Dual Link DVI, FireWire, and USB in one cable.

FEATURES :

- Extends any Apple Cinema Display including the 30" DVI Apple Cinema Displays.
- High-quality, multi-shielded wires prevent signal degradation issues.
- Uses a DVI DL Booster for active extension

Available in lengths of 10 feet or 15 feet

SPECIFICATIONS:

- Supports resolutions up to 3840 x 2400
- DVI-D connectors (M-F)
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Shipping Weight: 7 lbs.

Available in lengths of 10 feet or 15 feet

EXT-APPLECOMBO-DL-10
EXT-APPLECOMBO-DL-15

HDMI EXTREME CABLES

Fiber Optic Based HDMI™ Cables

Fiber Optics based cables that exceed the performances of the copper and silver made cables. An integrated HDMI™ cable solution which includes the fiber optics components and the DDC signals built into the cable and the HDMI™ connectors. This cable requires a clearance of 1.42"(36mm) wide conduit. Available in lengths of 50, 66, 80, 100, 135, 166 and 330 feet. These cables are HDCP compliant.

HDTV Resolutions Supported: HDMI™ Extreme cables support resolutions up to 1080p.

CAB-HDMIX-50MM	HDMI™ FIBER OPTIC CABLE 50FT (M-M)
CAB-HDMIX-60MM	HDMI™ FIBER OPTIC CABLE 66 FT (M-M)
CAB-HDMIX-75MM	HDMI™ FIBER OPTIC CABLE 80 FT (M-M)
CAB-HDMIX-100MM	HDMI™ FIBER OPTIC CABLE 100 FT (M-M)
CAB-HDMIX-125MM	HDMI™ FIBER OPTIC CABLE 130 FT (M-M)
CAB-HDMIX-150MM	HDMI™ FIBER OPTIC CABLE 166 FT (M-M)
CAB-HDMIX-300MM	HDMI™ FIBER OPTIC CABLE 330 FT (M-M)

HDMI CL3 CABLES

Copper based CL3 rated cables with lengths of 30 and 50 feet. The 30 foot HDMI™ CL3 cables support the following resolutions up to 1080p. The 50 foot HDMI™ CL3 cable support resolutions up to 1080i. These cables are HDCP compliant and have a fire retardant jacket for in wall installation. With an HDMI™ Booster, the 30 and 50 foot cables are good for resolutions up to 1080p.

CAB-HDMICL3-30MM	HDMI™ CABLE CL3 30 FT (M-M)
CAB-HDMICL3-50MM	HDMI™ CABLE CL3 50 FT (M-M)

HDMI BOOSTER CABLES

Integrated HDMI™ cable solution that includes the booster component built into the cable.

FEATURES :

- Perfect 1080p digital video every time
- Extends HDMI™ displays away from the HDTV source
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- HDMI™ compliant
- HDCP compliant

CAB-HDMISB-50	HDMI™ BOOSTER CABLE 50FT (M-M)
CAB-HDMISB-75	HDMI™ BOOSTER CABLE 80 FT (M-M)
CAB-HDMISB-100	HDMI™ BOOSTER CABLE 100 FT (M-M)
CAB-HDMISB-125	HDMI™ BOOSTER CABLE 130 FT (M-M)
CAB-HDMISB-150	HDMI™ BOOSTER CABLE 166 FT (M-M)

GEFEN RETAIL PACKS

Our same high quality products but in industry standard top retail packaging suitable for displaying right on the shelf. Our packaging is designed for the consumer to easily understand what the item is, allowing them to easily decide which product is right for them.

Stretch it.
Switch it.
Split it.
Gefen's got it.®

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